

## The Old-Age Security Problem

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# The ANNALIST

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## THE BUSINESS OUTLOOK

The slow recovery in business activity from the year-end low level has continued, but partly synthetic declines in stock, bond and commodity prices have reintroduced a large element of uncertainty. There are undoubtedly strong short-term recovery forces accumulating, but they are being dammed up temporarily and perhaps indefinitely by a tempest in a teapot at Washington over price and wage policies. Meanwhile purchasing power is dwindling.

THE halting recovery that began about the first of the year has continued after a fashion, although this observation is based on statistics that do not, of course, reflect this week's Washington disturbances. Our adjusted index of steel ingot production declined slightly in the week ended Jan. 22, but, according to estimates, it will advance again in the week ended tomorrow to 48 per cent of estimated normal, which compares with the Christmas Week low point of 35.9.

The weekly steel trade reviews, however, are rather gloomy as to the outlook for further recovery. The Iron Age has not yet published its customary estimate of the amount of steel consumed by major industries last year, but it is evident without any statistics that the motor industry must have taken a large percentage, probably as much if not more than in 1936, when it consumed 20 per cent of the total. The continued dearth of steel orders from the motor industry, therefore, obviously accounts for much of the present low level of steel ingot production.

Curiously enough, as previously pointed out, the steel consuming industries which have continued to buy steel in comparatively most satisfactory volume are the two over which there has been the greatest pessimism—namely, the railroads and the builders. The railroads, despite their financial straits, ordered, according to The Railway Age, 56,950 tons of rails in the first four weeks of January, as compared with 29,200 tons in the corresponding period of 1937. There was little locomotive buying, however, and no freight cars were ordered. Much of the rail buying was presumably for future rolling. This explains why this unexpectedly large volume of railroad buying

has been of little immediate importance in increasing steel ingot production.

The situation in new construction, however, is somewhat more mysterious. New construction, according to both the F. W. Dodge and The Engineering News-Record compilations, has held up remarkably well during the present depression, and yet structural steel orders have declined sharply. In the first half of January both public work and public utility contracts awarded were far in excess of those of the corresponding period last year. Engineering contracts, after having been maintained at a level slightly above the weekly fourth-quarter average of about \$43,000,000 in the first part of January, jumped to \$50,749,000 in the week ended Jan. 27. Bookings of fabricated structural steel, on the other hand, according to The Iron Age's figures, are now running at a level about half as high as that of the first half of 1937.

Just what the explanation for this pronounced lag between general construction contracts and material requisitions is does not appear on the surface, but it may be surmised with considerable assurance that a reasonable explanation would be that after the general contracts for large projects have been awarded the contracts for materials are being held up pending further action, if any, on the part of the chief economist in Washington in the matter of prices in general and steel (and a few other) prices in particular. The situation there, of course, is an unholy mess. The only grain of comfort that can be derived is that if the above conjectures are correct, business for the steel industry (and other industries) must be piling up at a rate which should shortly produce a substantial invisible backlog. A similar result

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would, of course, follow from the January orders for steel rails, which are presumably for February, March and April rolling for Spring and early Summer laying. Just how soon this invisible backlog will become a visible one depends on how soon, if ever, the Washington mess over prices is cleared up, and that is purely conjectural.

On account of certain circumstances peculiar to the timing of seasonal buying this year, it would appear logical to assume that there are other forces similarly extant that would normally operate toward a revival in the next few months. This is particularly true in the motor industry, as pointed out in these columns

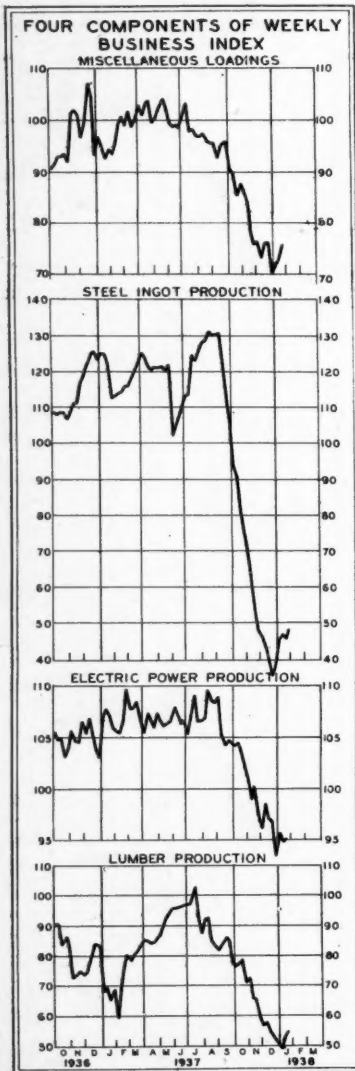
averaged only a small percentage and hence could not possibly be responsible for the wide decline that has occurred in demand. The dealer knows better. In view of the fact that used-car trade-ins last year consisted of a heavy proportion of late models, requiring large allowances on new cars, the increase in the immediate cash cost to the customer was a high percentage figured on what the customer would have had to pay if new-car prices

the Federal Reserve Board and the advisory council, (7) public utility men. Following a conference with business and industrial as well as labor leaders on Nov. 21, 1929, Mr. Hoover issued the following statement:

The President was authorized by the employers who were present at this morning's conference to state on their individual behalf that they will not initiate any movement for wage reduction, and it was their strong recommendation that this at-

tal dollars per week even though they were earning less per hour. The results of these two different policies are shown graphically herewith. It is Mr. Hoover's medicine that President Roosevelt is again prescribing.

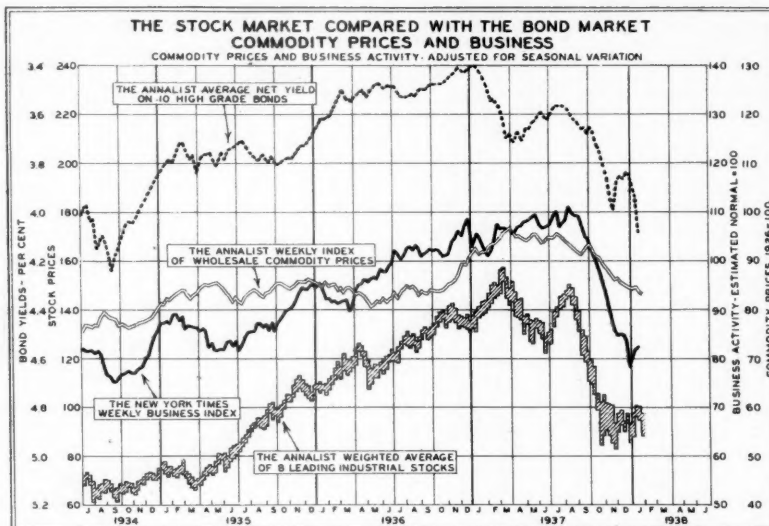
The trouble with the high-wage-rate method of maintaining purchasing power is that it is eminently sound theoretically. The difficulty comes in its application to business-cycle theory, when, as a matter of plain and indisputable record, it has nothing to do with fluctuations in the business cycle except for its adverse effects at certain critical times. Its true application is as a long-run "proposition." It is elementary that if high wages are



Latest points: Loadings, estimate for week ended Jan. 22; steel, estimate for week ended Jan. 29; power, week ended Jan. 22; lumber, estimate for week ended Jan. 22.

last week; and although it adds little new to the subject, it would seem that the little information that is available on the trend of car sales in January tends to bear out this view. Buick Motor Car Company, for example, reports that used-car sales in the second ten-day period of January amounted to 8,249, as against 6,053 in the first ten-day period. The normal seasonal movement in used-car sales is a rapid increase from January to April, and, though fragmentary, the Buick figures suggest that the usual seasonal movement is now actually getting under way. This, if true, is of some importance in view of the unfavorable situation known to exist with respect to dealers' stocks of used cars. As to current production of new cars, however, the outlook is far from encouraging, not only because of the absence of any sign of any immediate increase in production schedules but also because of the tendency to minimize the seriousness of the recent advance in car prices.

The common view is that the increase



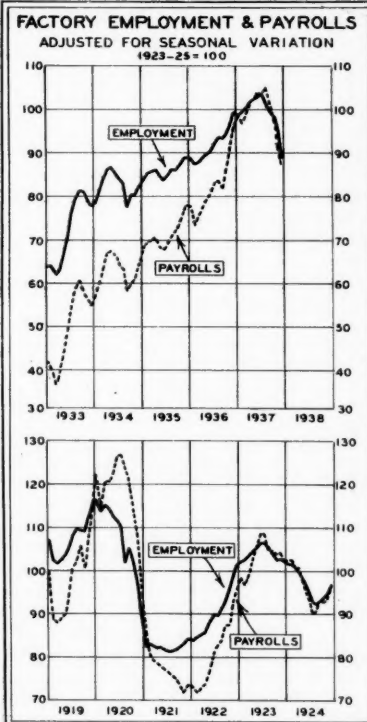
had not been increased, in some cases amounting to 100 per cent.

The manufacturers know this as well as the dealers. The real trouble is, of course, that the manufacturers feel that they cannot reduce prices unless they can reduce their manufacturing costs, and that that cannot be done without at least a moderate reduction in wage rates. The President, however, seems certain that the only thing necessary is to reduce prices and to keep wages high.

In attempting to deal with the present depression, Mr. Roosevelt is following a policy remarkably similar to the ill-fated efforts of Herbert Hoover. In the last quarter of 1929 Mr. Hoover held conferences with (1) building leaders, (2) leaders of industry, (3) representatives of farm organizations, (4) railroad executives, (5) department store heads, (6)

titude should be pursued by the country as a whole. They considered that, aside from the human considerations involved, the consuming power of the country will thereby be maintained.

Poor President Harding! He also had a bad depression hit him, and he apparently knew practically nothing about economics, or how to get the employers to maintain the country's purchasing power. The employers cut wage rates pretty drastically. According to figures compiled by the National Industrial Conference Board, the average rate per hour in twenty-five manufacturing industries dropped from 61.1 cents in October, 1920, to 48.6 cents in December, 1921. But strange to relate, the number of hours of work available began to improve in the Summer of 1921 and before the year was out the employees were earning more to-



paid for efficient man-power, in the long run the country is the gainer thereby. In fact, it is traditional in this country that thereby we are able to compete successfully with countries where wage rates and living standards are far lower. But to turn this long-run "proposition" into the idea that prosperity can be achieved instantaneously by suddenly jacking up wage rates is sheerest nonsense. The only reason that the theory seemed to work during the 1933-37 recovery was that it was accompanied by inflationary forces that enabled manufacturers temporarily to offset increased costs by increased prices and increased volume.

The prospect of a third major experiment with the purchasing-power theory would be disturbing enough if it were merely a matter of taking into consideration the purchasing power of those who work for hourly wages. We should then have to rely on merely one fairly simple aspect of what is in reality a highly complex problem. But in the present situation there are other highly important elements that must be taken into consideration. There is the purchasing power of the farmer, and cash farm income, seasonally adjusted, in spite of all that has been done to rehabilitate agriculture, in December declined to the lowest level since March, 1936. And there is the purchasing power of the investor. Despite the promises of the sponsors of the undistributed profits tax that the new tax would usher in a period of great financial stability, it has instead been followed by marked instability, as any one can see by noting the large number of dividend reductions and omissions now being reported daily in the newspapers.

D. W. ELLSWORTH.

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# The Old-Age Security Problem: The "Equity" vs. the "Social Insurance" Principle

This is the first of two articles on the old-age security problem.

THE discussion of the Federal old-age security program during the past year has brought certain basic principles to the forefront and has contributed to a clearer understanding of the problems that must be solved if the program is to do what is expected of it. The points at issue concern primarily the contributory pension plan which proposes to pay pensions as a matter of right, without dependence upon a "means" or "needs" test, in return for the payment of specified payroll taxes. Although the taxes and pensions are not directly tied together in the Social Security Act, they do constitute in essence a unified pension plan supported by contributions, and the Social Security Board calls it the old age insurance plan.

From the time the plan was introduced into Congress in 1935, a great deal of attention has been focused upon the proposal to accumulate a huge reserve fund, the interest upon which would be expected to carry some 40 per cent of the future pension load we are passing on to our children. This, according to the theory, will make it more likely that the taxpayers of that future day will be able to pay the pensions we are now promising. To a considerable extent the discussion of the reserve problem has diverted attention from the fundamental question as to the kind of benefit schedule most likely in practice to be found acceptable in a social insurance program of this nature.

When the old-age security program was being developed in Washington in 1934, it was inevitable that many of the concepts of private individual life insurance should have had considerable influence. This country had had no experience with social insurance and it was not possible in the short time available to acquire the "feel" of the social insurance problem and to develop the program likely to solve it. In consequence, we have a program that embodies too many of the concepts of the individual insurance contract, with insufficient emphasis upon the social objectives of the enterprise.

When an individual purchases a life insurance or annuity contract he expects to receive an actuarial equivalent of the premiums he pays to the insurance company. Generally speaking, the more he pays in the more he expects to receive in return. If therefore he were buying a retirement annuity commencing, say, at age 65, he would expect to receive an annuity corresponding to the amount of the annual premium and to the number of years in the premium-paying period. A premium of \$100 a year would therefore provide a man aged 25 with a far greater annuity than would be the case if he were 50 years of age with only fifteen years to go before retirement. In fact the forty years' premiums for the young man would provide a retirement income at 65 of some four times the retirement income provided by the fifteen premiums of the man aged 50.

This then is the concept of individual private life insurance: an actuarial equivalence of contributions and benefits. For brevity we shall call it the concept of "equity."

## Group Retirement Plans

Suppose now we consider the application of life insurance to the solution of a group retirement problem such as that

\*Mr. Linton is also a member of the Advisory Council on Social Security appointed by the Senate Finance Committee and the Social Security Board. In this article, however, he is speaking for himself alone and any views he may express or imply are his individual opinions and not those of any organization with which he is officially connected.

## "Social Insurance" Principle

By M. ALBERT LINTON

President, Provident Mutual Life Insurance Company of Philadelphia\*

faced by a long-established business corporation which sets up a contributory pension plan applicable to all employees aged 60 or under—the older employees and those already retired and still living being cared for in some other manner. What would happen if the principle of equity, just considered, were applied to those included in the new plan?

With the setting up of the plan we shall assume that the employees and employer begin making contributions to support it, perhaps in the form of equal percentages of wages or salaries. Obviously, then, the pensions provided on an actuarial basis by the contributions made on behalf of those who are aged 60, with only five years to go to the retirement age, will be much smaller than the pensions provided by the contributions made on behalf of an employee aged 30 with thirty-five years to go to retirement. In fact, in actual practice the first pensions on an "equity" basis payable five years hence to those now aged 60 might average only one-seventh as much as the pensions which will be paid to those who retire thirty-five or forty years hence.

The corporation officials, therefore, face a very practical problem. Despite the fact that the ultimate pensions produced by the contributions will be reasonably satisfactory a generation hence for those employees now young, what will be the social consequences, especially during, say, the next twenty years, of paying pensions to employees now middle-aged or older, which will range from 15 per cent of the ultimate ones at the outset to about 50 per cent twenty years hence? In other words, what about the pensions of the long-service employees now aged 45 and over? Would the principle of individual actuarial equity solve their problems? Obviously it would not.

In practice, therefore, the corporation, to the extent that it is financially able, makes additional payments into the pension system, frequently spread over a given period as ten or twenty years, which are applied to build up the pensions of the middle-aged and older workers. The more money the corporation has to devote to the purpose, the more nearly are the beginning pensions likely to be raised to the level of the ultimate ones. In technical terms this is known as providing for the "accrued liabilities"; that is, for the pensions that would have been earned, or built up, had the contributory system been in effect for a long time. These beginning pensions in some instances have actually been placed upon the level of those which will fall due a generation hence to those employees who then retire after an equally long period of service.

The reason why the "earned" pensions resulting from the regular contributions of the middle-aged and older workers are not satisfactory is that they would not solve either of two closely related problems: First, the practical problem of making it easy to retire an aged worker when his efficiency has become impaired, and, second, the social problem of throwing upon society a man who does not have enough income to provide reasonable subsistence. Because the "earned" pensions are unsatisfactory, the corporation uses its own money to build up to a more acceptable level the pensions of these middle-aged and older employees. Society and industry have placed the stamp of approval upon this procedure.

In passing, it is important to note that

for these employees the concept of individual actuarial equity has very little application as far as the regular contributions to the plan made on their behalf are concerned. Because the employer builds up the past-service pensions these employees receive far more than the equivalent of their regular contributions. Social considerations supersede the principle of theoretical equity.

## The Benefit Schedule in the Social Security Act

With these preliminary considerations we come to the benefit schedule in the Social Security Act. This we find to be a compromise between the principle of equity and the principle that the middle-aged and older workers should receive pensions that are socially desirable. According to the best estimates now available, the average pensions falling due in 1942 will be in the neighborhood of \$17 per month. Forty years hence the estimate for those then qualifying for pensions will be in the neighborhood of \$50, or about three times the 1942 figure. Having the beginning pensions average one-third the ultimate ones is better than the one-seventh figure previously discussed in connection with the earned beginning pensions in a private pension plan. However, we should face the question as to whether the beginning pensions should not be raised still further in a social insurance plan of this nature. It is interesting that several groups which have studied the present law have come to the conclusion that this should be done.

In the case of the Federal old-age insurance program, another influence will tend toward a raising of the early pensions provided by the present formula. To refresh our memories, the estimated average monthly pensions that will be paid in given years are shown in Table I:

TABLE I. ESTIMATED AVERAGE MONTHLY PENSIONS UNDER PRESENT PROGRAM

1942.....	\$17	1970.....	\$35
1950.....	21	1980.....	44
1960.....	28		

Consider these pensions in conjunction with the free old-age assistance grants that are being made in the various States. The average for the entire country now exceeds \$19 per month per individual; and in seven States it is over \$25 per month. Furthermore, the average per aged couple, where both members are eligible, is considerably above the average for a single individual.

Now is it likely that the average contributory pensions in the above table are going to be acceptable to the millions of middle-aged and older workers when they come to understand the situation? They are going to see that a large majority of those reaching the retirement age in many States during the next twenty years will have to receive supplementary free old age assistance grants if their pensions are to be as large as those of persons wholly dependent upon old age assistance. To qualify for the assistance an applicant must submit to the means test. When it has been passed, the contributory pensioner may receive a supplementary grant that will simply bring his total pension up to the amount an individual would have received if he had passed the means test without having paid any taxes at all to a contributory scheme. There are many who believe that if the two systems are to exist side by side the contributory pensions in the

early years must be substantially increased.

## Cost of Increasing the Contributory Pensions

This of course raises the question as to what such a change would cost. To throw light on the subject, consider a schedule which would pay an average pension of \$30 a month beginning in 1939. Some pensions would be above \$30 and some below, depending upon the earning level of the individual; but we assume the average to be \$30. This schedule would average more than the estimated pensions under the present law for at least twenty years after the first pensions fall due. The estimated cost of the \$30 schedule in dollars and expressed as a percentage of the payrolls of the insured group is shown in Table II, along with the payroll tax rates provided in the present law.

In connection with these and all other estimates relating to the working out of various assumptions, it must be realized that they represent no more than intelligent guesses based upon data that admittedly fall far short of the accuracy that is desirable in connection with long-range estimates of such importance. Therefore until more accurate data can be obtained—and much of it will have to await further experience—all of the estimates now being made must be considered tentative and hence used with appreciation of their limitations.

TABLE II. ESTIMATED COST OF AN AVERAGE \$30 MONTHLY PENSION

Year.	Average Monthly Pension.	Yearly Cost (Billions.)	Per Cent of Cost to Payroll.	Per Cent of Present Law.
1940.....	\$30	\$0.4	1.4	3
1945.....	30	0.6	2.1	4
1950.....	30	0.9	2.9	6
1955.....	30	1.2	3.6	6
1960.....	30	1.6	4.4	6
1965.....	30	1.8	5.0	6
1970.....	30	2.1	5.4	6
1975.....	30	2.3	5.9	6
1980.....	30	2.6	6.6	6

The plan of paying an average pension of \$30 throughout is presented for illustrative purposes only and not with the thought that it would be a proper one to adopt. It illustrates a method of approach and shows clearly how a plan could be adopted which, for say twenty or twenty-five years, would pay more and cost less than the present plan. Its presentation makes more concrete the discussion as to whether it would be wiser and represent better social policy (a) to pay larger pensions for a substantial initial period at less cost and to promise an amount thereafter which would keep the ultimate cost within bounds or (b) to pay smaller pensions for the same period and charge more than cost in order that the excess may be stored up to enable the payment some forty years hence of the estimated average \$44 pension under the present plan. Incidentally, this average pension is estimated to cost in 1980 between 9 and 10 per cent of payrolls as against 6.6 per cent for the average \$30 schedule.

It is interesting to note that the British contributory old age pension plan proceeded on the theory that the beginning pensions should be the same as the ultimate ones. After a two-year qualifying period, pensions, which were first paid in 1928, were at the rate of \$11 a month to an insured man aged 65, with an additional \$11 if he had a wife aged 65 or over. These are the same rates of pension promised to those retiring ten, twenty or forty years hence. In passing, it may be mentioned that although these pensions may seem small to us in this country, they have more significance to British workmen in the light of their living standards and the cost of living in Great Britain.

The feeling therefore that the early



pensions in our plan should be increased would appear to rest upon a sound social basis. If the change should be made, careful consideration should be given to the ultimate level of pensions so that we shall not promise more than we can reasonably expect future generations to perform without seriously endangering the safety of the plan. Reference to this subject will be made later.

#### Other Considerations as to Benefits and Coverage

If now we have arrived at the point where we can agree that in a social insurance program social considerations should take precedence over actuarial equity for the middle-aged and older workers, we should consider another interesting question. If a man reaches the retiring age and has a wife also of eligible age, should the benefit formula provide for an automatic increase in the benefits paid to the couple? Great Britain, as we have seen, doubles the individual pension in this case. An increase as large as this would be unnecessary if the basic pension were larger. The increase might be say 50 per cent, with the further provision that after the death of either member of the couple the pension would revert to the amount payable to a single individual.

Approximately 74 per cent of the men in this country aged 65 are married. The remaining 26 per cent are single, widowed or divorced. Of those who are married, a certain number would be married to wives considerably below 65 years of age. In setting up the pension plan these should be left out until they reach a given age, say 60 or 65, as otherwise there would be all kinds of trouble on account of young women marrying old men for the pension's sake.

Some time ago a survey was made of the old age assistance grants in seventeen States representing about 42 per cent of the population of the country. The data are fragmentary and therefore can be considered as tentative only. However, it would appear that in these States, considered as a unit, the typical free assistance pension to an eligible individual living alone is between \$19 and \$20 per month, and to an aged couple where both members are eligible, from \$33 to \$34. Here we see clearly the operation of a social principle. In studying the various modifications of the old age insurance plan designed to make it do a better social job, the possibility of differentiating between single and married individuals should be carefully considered. We are not here advocating its adoption, as its ramifications are many. We are simply urging the thorough analysis necessary to arrive at a wise decision.

#### The Problem of Limited Coverage

The limited coverage of the old age insurance plan has been criticized by practically all competent students of the problem. According to the preliminary figures it appeared that some 53 per cent of the gainful workers of the country would be included in it. In the last year further study has revealed that the estimate is likely to be considerably modified by the migration of workers into and out of the contributory plan. Farm laborers who are not covered while working on the farm in Summer frequently obtain Winter jobs in covered occupations. Housewives who were previously employed in business, and domestic servants, may take temporary jobs in covered occupations and thereby build up pension rights. If they receive a total of \$3,000 in covered occupations over a five-year period, they become entitled to a pension of \$15 per month at 65. This is worth working for. It may be an important reason why there are likely to be many more crossings of the line between the covered and uncovered occupations than was anticipated in

the original estimates. Representatives of the Social Security Board have stated that within a relatively few years they expect social security accounts will have been set up for at least forty million workers. A considerable proportion will represent those who will come into the system for short times as a result of this shifting back and forth between the two classes of occupation.

However, no matter how extensive this movement across the dividing line may become, it still remains true that two large classes, domestic servants and farm labor, including about five million workers, should be brought directly under the plan. Unfortunately that is more easily said than done, because of the difficulties—amounting almost to an impossibility—of applying wage taxes to a group having so many individual employers and receiving so large a proportion of their pay in the form of food and lodging. The administrative task of carrying out the pres-

ent law is difficult enough in the case of scattered individual employers with only a few workers and of industries with highly intermittent employment, without adding such a serious complication as the imposition of payroll taxes upon domestic and farm workers.

This suggests an interesting question. Is it constitutionally permissible to differentiate between classes of workers and to set up different systems applicable to each? For example, could the present payroll tax and benefit plan be retained for workers in business and industry, and say, a stamp tax and distinctive benefit formula be developed to apply to classes such as domestic and farm labor? If that question could be answered with assurance, the problem of extending coverage would be much more clearly outlined. We have no doubt that coverage will be broadened, but it is clear that the method may require a quite distinctive technique.

It must be evident from what has been

said that it is highly important to consider at the outset what is desirable in the way of benefits in a social insurance program before proceeding to develop a scheme of financing. Having determined the benefits that seem to solve the social problems with which we are confronted, the next step is to determine their costs. If these seem to be within reason then it should be determined whether additional taxes should be levied to build up a reserve to support the promises we are making for the future. Since there is a limit to taxation, we shall find ourselves having to choose between (a) paying more adequate benefits in the early decades, watching carefully lest we promise too much for the future, and (b) holding down pensions in the early decades and building up a reserve which, in theory at least, will help future generations to bear the pension load we are passing on to them.

## American Tax Curiosities: 4. Fraudulent Practices And How They Were Abolished By M. SLADE KENDRICK

UNDER the high Civil War tax on spirits the amount of revenue collected declined greatly and fraud flourished. It was said that persons evading the tax "showed throughout more ability than Congress and more shrewdness than the revenue department of the National Treasury." In 1867 the sum of \$28,296,000 was collected. But in 1868 the rate of this tax was reduced from \$2 a gallon to 67 cents. The next year \$45,000,000 was collected and the year after that \$55,600,000.

The tobacco tax brought up a curious difficulty of another kind. In 1864 cigars valued at less than \$5 a thousand were taxed \$3, but if valued from \$5 to \$15 a thousand, the tax was \$8. This graduation was continued until the tax on cigars valued at more than \$45 a thousand was \$40. The valuation of the cigars was, however, exclusive of the tax. This made assessment of the tax most difficult. Suppose, for example, that a thousand cigars sold for \$12. The tax on this valuation had to be either \$3, the rate for cigars worth less than \$5 a thousand, or \$8, the rate for cigars worth from \$5 to \$15 a thousand. If the tax were \$3, the value of the cigars exclusive of the tax would be \$9. But on this valuation a tax of \$8 was levied. If the tax were \$8, the problem still remained unsolved, for the cigars would then be worth only \$4, and on this valuation a tax of \$3 was laid.

The report of 1866 of the Special Commissioner of Internal Revenue appointed to examine the problem of tax collection found the administration of the tobacco tax to be full of fraud and evasion:

The losses which have accrued and are accruing to the revenue through the failure to collect the tax \* \* \* are of an amount almost to exceed belief—the loss on tobacco alone, in a single section of the country, being reported to the commissioner by the most competent authority as in probable excess of twenty thousand dollars daily.

These frauds on the revenue were perpetrated in three chief ways: packages of tobacco were marked with counterfeit inspection brands; branded packages on which a tax had been paid were re-used; and sometimes after a tax had been paid on one grade of tobacco, a better grade was substituted in the package or cask. Often this cheating was done with the knowledge of the inspector, who was paid not to report it.

Reform came from a curious source. The fraud in the collection of the tobacco tax became so general that it disturbed the manufacturers of tobacco products. Cheating the government had become com-

petitive and hence returned small profit. Honest firms were obliged to save on this cost because their competitors did. Yet in the degree that the fraud became general no one really gained by it. In this situation the discontent of the tobacco manufacturers gathered head. They memorialized Congress with a program of legislation, much of which was passed. The stamp system was introduced and various provisions governing the marking, removal and sale of tobacco products adopted. The

stamp that we break in opening a package of cigarettes or a box of cigars had its origin in this reform. Indeed, the whole excellent system by which the Bureau of Internal Revenue now collects tobacco taxes began in this reform act of 1868. Another part of this measure reduced the rates of tobacco taxation. The effect of the lower rates and improved administration on the revenue was marked. In 1868 the taxation of tobacco yielded \$18,700,000; in 1870, \$31,000,000.

## Budget-Balancing Made Easy?

To the Editor of The Annalist:

Among the objectives greatly needed by the nation today are: first, a balanced budget; second, and of somewhat lesser importance, a practical revision of the colossal and unworkable social security program. The accomplishment of these two great aims would restore national solvency on the one hand and protect the idealistic purpose of the social security funds on the other.

For these purposes a challenging proposal is made, namely, that the social security taxes now being collected be reclassified with one-half going into the social security funds as heretofore and the other one-half to be designated and used as a wage or salary tax to meet current Federal expenses. The foregoing suggestion sounds so simple that it can easily be discarded because of its directness, but careful analysis indicates it may have tremendous merit. Some of the advantages of this proposal are as follows:

(1) It will vastly increase the income of the Federal Government by a method that is honest, direct and simple. Half of the social security collections would run into the hundreds of millions—which are essential figures for balancing the budget. In practically no other tax proposal except sales taxes can such large amounts be expected.

(2) It would automatically make every worker in the country a Federal taxpayer. Immediately millions of citizens, heretofore not directly taxed, would feel the drag of the tax collector on their pocket-book. This would stimulate their interest in public affairs and result in a greatly enlightened electorate directly interested in economical and efficient government.

(3) The social security tax program, as currently in operation, reveals many glaring and dangerous weaknesses. The money is apparently going into the Federal till and quite as rapidly going out again with apparent disregard of its trust

fund nature. Under the present program vast reserves are contemplated which are now recognized as impractical and impossible to attain safely. However, collection machinery of the social security agency, in itself a gigantic achievement, is already in operation and, with but relatively few changes, adjustments would be made to divide these collections.

The big objection to this proposal is that the great purpose of the social security taxes would be endangered by this division. Certainly it is true that money would be taken away from the social security funds but actually it seems probable that this division would strengthen and safeguard the remaining social security funds. Unless the nation stays solvent the social security funds are certain to disappear, not partly, but totally. This proposed division has much of the virtue of the old maxim "Half a loaf is better than none." Besides, this short cut to national solvency would sidetrack many of the current crack-pot schemes of politicians and others to begin looting these old-age reserves. As both a quick and sound solution of our Federal budget crisis the reclassification of the social security collections as proposed here has much to recommend itself.

HOWARD H. BUFFETT.

Omaha, Jan. 6.

### Dow Theory Comment

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# Government-Owned Corporations the Basis for Russian Industrial Organization

By BERNHARD OSTROLENK

OUT of total estimated revenues for 1937 of 98 billion rubles, the Soviet Government expects to collect 76.8 billion rubles, or 77.1 per cent, as a "turnover tax." This represents the surplus or profit retained by the government when it buys goods from its huge production trusts and then sells the goods back to the public. Sophisticated economists of capitalistic countries might label this tax a sort of sales tax. But no matter what the name, the figures reveal the magnitude of revenue resources available to the Kremlin and to what extent business in Russia is organized on a self-supporting basis. To understand Russian economy it is necessary to understand that Russian business is organized into huge government-owned trusts, that these trusts buy and sell from one another and that government takes an important slice from each transaction.

Any one of the large production trusts will serve as a basis for study of Russian economic organization. The shoe production trust of the Ukraine, one of the large and prosperous provinces of Russia, is here taken as an example because the writer had several opportunities to study its organization at first hand.

## The Shoe Production Trust

The Ukraine is a province of about 30,000,000 people. Shoe production in the Ukraine is in charge of a "director" of the shoe production trust. The director is appointed by the Commissar of Light Industries, who is responsible to his superior, who in turn is a member of the Planning Board. To the director of the trust is turned over ten shoe factories and three leather factories employing 13,000 people and producing in 1936 about 10,000,000 pairs of shoes. The director of the trust in turn appoints the heads in each factory, who in turn appoint superintendents, foremen and other officials. The director of the trust is solely responsible for the operation, the technical organization, the purchase of raw material, the provision of equipment, etc. He prepares a production plan annually and requisitions, through the Commissar of Light Industries, from other production trusts the necessary raw materials, capital equipment and other items he may need. His production plan, when approved, must be made to fit with other plans presented to the Commissar. The director of the shoe production trust is compelled by law to establish certain reserves for social insurance, such as vacation funds, maternity funds, sick and old age benefits, etc. The number of hours he employs workers per day, the conditions of work and overtime are also regulated by law. Wages are determined competitively.

The 13,000 workers in the shoe production trust are organized into three large unions roughly corresponding to the skilled, semi-skilled and unskilled workers. In theory, the union officers, in conjunction with officials of the trust, determine wages. In practice, it must be remembered that what passes in Russia for a labor union would scarcely be recognized as such by American labor leaders. The union is an extremely loose organization, usually voting in elections and on policy questions by the raising of hands, its representatives having no opportunity to acquire training in organization or leadership. Opposed to them is the official hierarchy of the trust, most of them members of the elite Communist party, an honor to which most laborers and certainly the labor officials aspire.

Since strikes are forbidden, just as in Italy and Germany, the influence of the union on wages is minor, if of any importance at all. For the most part,

union meetings are given over to activities of what we might call company-union pep talks. They form a convenient channel right now to cultivate the newest Russian fetish of Stackhanovism. Courts, a "Friendly Court" in the factory and a "People's Court" outside, are available to workers to protect their interests from factory encroachment. Union delegates sometimes sit on these courts, as well as on some factory committees and even on some of the important government committees.

## How Capital Is Acquired

A credit is placed in favor of the director at the State Bank from which he may draw for wages and salaries. The entire plant is debited to the director at a fixed sum. This capital amount must be amortized annually and new capital must be repaid. On the State bank credit he is expected to pay interest as well as provide for the repayment of the sum withdrawn. In brief, the sales from the factory must cover all costs of production in the capitalistic sense.

It will, therefore, be noted that this shoe trust is operated as a government-owned corporation, and the efficiency of the director is measured in terms of profit to the government.

Sales are made to labor unions, other factories, collective farms, to cooperatives as far as they still exist, but mostly to a merchandising trust, another government-owned corporation operating somewhat as a huge chain store business. This trust, in turn, rents from real estate trusts or municipality trusts its stores, hires salesmen and operates retail establishments in which the shoes are sold along with other commodities.

## How Prices Are Fixed

The price at which the shoe production trust sells its shoes wholesale to various merchandising agencies is fixed by the Commissar of Light Industries and is uniform to all purchasers. It varies with the quality of the shoes. Apparently the prices are fixed somewhat on the basis of probable cost of production.

The average price at which the shoe production trust sells its shoes to various merchandising agencies appears to be about 20 rubles a pair. This price apparently covers all costs of production outlined above, including the cost of capital. On this price the government makes a profit. Just how much is not disclosed. But this price is the wholesale price to another government agency, not the retail price to the public. When this writer visited one of the stores in Kiev to price one of these pairs of shoes, he found that the public is paying around 60 rubles for a pair that wholesaled for 20 rubles. The merchandising agency apparently has a mark-up on the manufacturer's cost of 300 per cent, which provides the government with an additional profit.

Just how retail prices are fixed was not made clear to this writer, though he diligently searched for information. It appears a wholly arbitrary procedure and apparently has no relation to either cost or demand and supply. In fact, price in Russia means something wholly different than it does in capitalistic countries. In the United States the price of an article is the sum of money for which the article can be purchased. Not so in Russia. There the price merely shows what the consumer must pay if the article is available.

For example, the price of shoes discussed here was for cloth shoes similar to what we call tennis shoes. The price of leather shoes is around 175 rubles a pair. But when one goes into a store one finds that the window display of that type is merely a museum piece. Such shoes are neither available nor likely to be within the near future.

The same situation obtained with the price of bread before 1935. The price was 1 ruble and 80 kopeks for a kilogram (2.2 pounds) of bread. But there was insufficient bread to go around, hence preference cards were issued enabling consumers to buy a given quantity (sometimes at lower prices than the fixed price). Additional bread could be purchased only when available. Some prices are wholly fictitious. For example, there is a price for bicycles, but it must have been for mythical bicycles, because the writer was unable to locate a single store in Leningrad, Moscow, Kiev and Odessa, four of the largest Russian cities, that actually had bicycles for sale.

## A Vast Bookkeeping System

It becomes clear, then, that the Russian Government is a vast bookkeeping system for its many production trusts. Foreigners travel in Russia under the supervision of the Intourist, a government-owned travel agency with offices in foreign lands. It purchases hotel, railroad and other accommodations from other trusts. The shoe production trust imports equipment or raw materials through the Amtorg, a government-owned import and export agency.

There are trusts to manufacture consumer goods, make automobiles, establish tractor stations, operate real estate, railroads, steamships, parks of culture and rest, museums, theatres, moving pictures, etc. These trusts are tied together with a network of planning boards. The profit extracted by the government from these trusts presumably varies, and it is probable that some are not paying propositions. But the gross revenue thus derived by the government, as indicated in its consolidated State budget, is enormous and apparently can be increased greatly when more goods are produced. For example, between 1935 and 1937 there has been, according to Russian figures, a considerable increase in production. On the other hand, there has been no drop in prices. In consequence government revenues from the turnover tax have increased from 47 billion rubles in 1935 to 76.8 billion rubles in 1937, an increase in revenue of 60 per cent in two years. There has been much speculation in Russian circles that recent shootings of high government officials had much to do with their inability to turn profits at the rate expected, but that is wholly apocryphal. American corporation executives, pondering over these figures, might well reflect that, whatever their opinion of Russian economic doctrines, the Russian Government is a good financial risk if one can sell its goods.

## The Question of Efficiency

One might here pause to inquire how efficient is this theoretical arrangement in practice. Apparently it is very prolific in producing revenues for the vast system of defense and improvement. But how efficient is the system from the standpoint of production?

Here Russian sympathizers usually caution us that Russian production figures

cannot be compared with American figures because the system is new and is subjected to the inefficiencies of inexperience.

Whatever the causes, there is much evidence that the system does not prove as productive as one expects in the capitalistic countries. For example, the shoe-production trust in Ukraine produced in 1935 about 10,000,000 pairs of shoes with about 13,000 workers, or about 600 pairs per worker. During the same year, some 200,000 workers employed in the shoe factories in the United States produced roughly 350,000,000 pairs, or 1,750 per worker. This does not tell the whole story, for the Russian shoes were of a far inferior grade, mostly made of cloth, while virtually the entire production in the United States was of leather, requiring far more labor.

## RUSSIAN PRICES

Black bread	85 kopeks per kilogram
White bread	1.70 rubles per kilogram
Coffee	48.20 rubles per kilogram
Tea	45.00 rubles per kilogram
Sugar	4.10 rubles per kilogram
Beefsteak	12.50 rubles per kilogram
Beef, 2d quality	7.60 rubles per kilogram
Pork	10.60 rubles per kilogram
Chicken	77.00 rubles per kilogram
Caviar	4100 rubles per kilogram
Potatoes	40 kopeks per kilogram
Cabbage	1.60 rubles per kilogram
Apples	6 rubles per kilogram
Milk	1.60 rubles per liter
Cream	6 rubles per liter
Butter	20 rubles per kilogram
Swiss cheese	24.80 rubles per kilogram
Vodka	20 rubles per liter
Cigarettes	2.70 rubles per box of 25
Suit of men's clothing from	650 to 1,065 rubles
Underwear, cotton knit	32 rubles for one pair
Socks, one pair	6.15 rubles
Ladies' stockings	16 rubles
Ladies' shoes	174 to 261 rubles
Men's shoes	174 to 247.50 rubles

\*100 kopeks in a ruble. †2.2 lb. ‡1.0567 U. S. quarts. §Rayon. ||Leather.

Wages in the shoe factory varied from 100 rubles to about 300 rubles a month, with a mean of about 250 rubles. This closely approximates the average worker's pay in Russia as given by Gosplan, the official Russian statistical agency, which estimates the average monthly wage at 231 rubles in 1937. On this basis, the Russian worker expends almost one-quarter of a month's labor to buy a pair of cloth shoes at 60 rubles and over a half a month's work to buy a pair of leather shoes at 175 rubles. In terms of wages, prices in Russia are high and re-

Continued on Page 188

## UTILITIES!

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# National Government: Senate Delay Cramps New Deal Program; "Anti-Bigness"

By KENDALL K. HOYT

WASHINGTON. THE anti-lynching filibuster, which has deadlocked the Senate for nearly a month and jammed all important bills, has seriously cramped the New Deal program. With this issue settled, a move to realign the administration's objectives and speed Congressional action is indicated. It has looked all along as if the determined Southern bloc would win their point and would displace the lynch bill. Even a cloture rule is not proof against delay tactics. If a secret vote were to be taken, it is believed that the bill would be heavily defeated. Thus the opposition maintains that the proponents, not the filibusterers, are obstructing other legislation on account of the important Negro vote which can determine elections in marginal States. Meanwhile, the debate is significant in developing new parliamentary strategy and in its effect upon party solidarity.

Either way it is settled, the next regular order of business still is the reorganization bill, but it is expected that other pressing measures will be sandwiched in. The House-approved conference report on the housing bill awaits Senate action together with the independent offices and sugar act appropriations. The FTC amendments are also to be settled, though it has been decided to send this bill to conference for a few last-minute changes. On the farm bill, one hears statements that (a) it is hopelessly entangled in conference and (b) it soon will come out of committee. So its timing is undecided.

If the administration decides to go ahead with the government-packing reorganization bill, another long Senate wrangle is likely to begin, to be laid aside perhaps at intervals to allow action on appropriation bills and other measures. The New Deal's build-up on the plan began last week with the radio debate of Son James versus Congressman Pettengill. Thunders on the right continue from Senator Byrd. The House Committee on Government Reorganization has printed a monograph (source unrevealed) attacking the constitutionality of the Comptroller General's office, a new idea and new strategy for this administration, giving an idea of what a liberalized court could do. The President has been quoted as wanting very much to curb the independence of the ICC.

WHETHER BIG BUSINESS is to be encouraged or "atomized"—whether it is to be placed under the NRA type of control or anti-trusted to pieces—has been the subject of a confusing cross-fire of comment. The obvious anomaly of labeling the NRA idea as "conservative" and the other idea as "radical" leads one to wonder whether the Roosevelt compromise will be to approve the "conservative" NRA principle. Prophets of gloom point out that it is a Marxian scheme to let monopoly fatten, the better ultimately for government to gobble it. But perhaps the inconsistency between the alternate plans is merely an apparent one as the New Deal moves in one general direction whatever way it seems to face. Emanuel Swendenborg said:

That the angels have the east in front, whatever be the direction in which they turn their faces and bodies, will still be of difficult apprehension to the world \* \* \* but the changes in the direction of the aspect of the angels are not like those of men \* \* \* they appear alike but still they are not alike.

At any rate, the direction during the past week plainly has been toward anti-bigness, with the Madison conviction in the oil case and further trials planned in the Western and possibly the Eastern oil-

marketing areas as a result of it; the projected anti-trust case against motion picture producers; the pending Glass bill against bank-holding companies, and the Patman plan to levy crippling taxes upon chain stores. Small business men are to have their further innings at a White House conference.

THE HOUSING BILL, nearing final form, has been discussed mainly in terms of the 90 per cent mortgage plan on small single-family homes up to \$6,000, with 5 per cent interest, low-premium charges and long-term amortization. But housing experts stress the provision for a system of national mortgage associations as offering greater liquidity of mortgage paper than is now possible. The RFC Mortgage Corporation is to buy the capital stock of one association demonstrably. Others, privately financed, can begin business with a fourth of their capital, \$5,000,000 each, paid up, in first liens allowed at 80 per cent.

Large-scale housing is encouraged by setting up intermediate projects from \$16,000 to \$200,000 for multi-family dwellings, without the limited-dividend corporation procedure which still applies to projects from \$200,000 to \$5,000,000. Mortgage insurance for modernization and for farm homes also is included.

Lodge's prevailing wage amendment, backed by AFL, was taken out of the conference report and has embarrassed the administration no little.

TAX HEARINGS continue before the House Ways and Means Committee but final action on a tax measure is not expected before the middle of March. Frank Gannett, appearing before the committee, advocated tax exemptions for employee dividend plans, stating that in 1937 he distributed \$140,000 or 10 per cent of his net profits as the workers' share in the company's income. Employee incentive to do effective work was much stimulated by this dividend, he said. A resolution by Senator Vandenberg would investigate this type of plan. Mr. Gannett further said that he had to defer purchases of printing presses because of the heavy undistributed profits tax that his subsidiary would have to pay if it bought the equipment out of earnings.

INVENTORY STATISTICS on a broader base are being considered by the Department of Commerce. Full information on overstocks at this time might result in the insistence by retailers on some breaking of the price rigidity which the President has criticized. It would be in some instances harmful but, on the whole, healthier to know the full facts. Statistical guidance earlier might, of course, have checked overproduction and been a stabilizing factor.

Current figures, many of which have to be held in confidence, are better on raw materials than on finished products. The Bureau of Foreign and Domestic Commerce is studying means of gathering monthly data from wholesalers and from retailers now furnishing sales figures. They, rather than manufacturers, carry the bulk of the inventories. A further plan is to show some range of inventory position within a given industry. The present flat averages are inconclusive in that an industry, apparently overstocked, could have a number of firms with low inventories. Such firms might be in a

position to start production or buying on an upturn. Year-end figures show that inventories are above normal and in some lines are excessive but reflect an improvement over the level of six months before.

CONSOLIDATED RETURNS for government statistics sought from industry are among the objectives of the Central Statistical Board. Especially in the field of labor statistics and social security, companies would be able to fill out one general form to serve several Federal agencies rather than answer a multiplicity of inquiries and questionnaires.

RAILROAD legislation is in prospect for the session. Tentative drafts have been prepared but are subject to much disagreement. In a situation so involved, nobody wants to go out on a limb with a semi-digested plan. The policy of making large loans to support the top-heavy capital structures of lines close to receivership is being more and more questioned within the administration. Senator Wheeler has in mind limiting the discretion of RFC and ICC in this regard. Rail holding company legislation also is expected; if not a "death sentence," at least a broadening of power over railholding companies, investment companies and subsidiaries, following the findings of the Wheeler investigating committee which has indefinitely suspended its hearings. Occasional rumors are heard as to reviving the coordinator plan to permit consolidations. Final argument on the 15 per cent freight-rate increase will be concluded soon and some raising of rates is expected within about five weeks; also some truck-rate increases.

Amendments of rail bankruptcy law and of the Motor Carriers Act are under consideration. A water carrier bill is in Senate committee. Air-transport legislation is being delayed, while officials and members of Congress are working out a compromise between the McCarran-Lea bill, calling for ICC control, and the inter-departmental committee plan, creating a new aviation commission. Although the administration inclines toward the independent agency, there continues to be considerable support for ICC and the issue is far from settled; may hold over now until after the government reorganization issue is decided.

WAGE-HOUR plans are now multifarious as the House Labor Committee finds sharp differences of opinion on how to draft an acceptable bill in lieu of the one the House sent back as a trade-in. The President's recent press conference hint that it might be well to study British labor policies, may be worth noting in this regard. One labor leader recently in England has made an extensive study of the British Trade Boards, a device which may be discussed at the AFL executive committee meeting in Miami this week.

In a recent statement John P. Frey, president of the AFL Metal Trades Department, who had a good deal to do with the recommitment of the Administration Wage-Hour Bill, said that a "practical attitude should be an effort to discover whether there are not other proposals which have not as yet been given serious consideration." After the war, he pointed out, England became dissatisfied with the commission or bureaucratic system. "Sweated industries" can now

set up trade boards made up of employer, labor and government members to work with deliberation toward a compromise plan. "When their recommendations are approved by the Minister of Labor they become as much the law fixing minimum wages and maximum hours in the industry as though it were an act of Parliament."

Labor courts also are provided to settle differences. The plan is one of conciliation and cooperation rather than of power vested in a central bureau. Giving a trade board's findings the effect of law, of course, seems of doubtful constitutionality in view of the NRA decision.

This general idea offers a new approach both to the labor relations and wage-hour problems and may be preferred by many to commission control which is increasingly distrusted in labor and other fields. But there is much sentiment in Congress for a simpler plan which merely will blanket out the hour standards which are oppressively low and wages which are inhumanly low, as well as banning child labor. Such a bill, it is contended, would minimize actual abuses without seeking to apply the Administration's dangerous scheme of a quick share-the-wealth program and without subjecting business to the uncertainties which would result from discretionary standards.

NATIONAL LEGISLATION, week ended Jan. 24:

PASSED BOTH HOUSES—HR8730—Housing Bill. H agreed to conf rpt Jan 21.

PASSED ONE HOUSE—HR8947—Treasury-Postoffice approp. Passed H Jan 18; to S Approp Jan 19.

HR8993—Navy approp. Passed H Jan 21; to S Approp Jan 24.

HJR571—\$39,750,000 to administer Sugar Act of 1937; extend crop loans under 1st Deficiency Bill 1937 to be available until Jun 30 1939. Passed H Jan 21; rptd in S Jan. 24.

REPORTED—S3232 (Ashurst) Jan 17—Amend Supreme Court Retirement Act so judges recalled for service on judicial circuits can serve in the District of Columbia. Also HR9043 (McLaughlin) Jan 24.

SJR239 (Norris) Jan 21—FTC invstg TVA. SRes198 (Ellender) Jan 24—Invstg discrimination in operatn of civil service and classification laws.

HJR543 (Martin, Col) Jan 24—Auth survey for transmountain water diversion.

NEW BILLS—S3255 (Maloney) Bnkg & Currency—Regulate over-the-counter brokers and dealers in interest commerce through mechanism comparable to SEC control of natl exchanges.

S3256 (Smathers) Bnkg & Currency—Amend Fed Res Act to extend 2 yrs the period for which loans made prior to Jun 16 1933 to exec officers of member banks may be extended or renewed.

S3267 (Brown, N H) Commerce—Amend Flood Control Act 1936 forbidding new projects without assurance that States will provide rights-of-way, construction damages and maintenance after completion. Also HR8997 (McCormack) Flood Control.

S3271 (Thomas, Okla) Printing—Establish Office of Motion Pictures in Govt Printing Office.

S3276 (Walsh) Commerce—Amend Merchant Marine Act as to liability insurance on chartered ships and planes.

S3281 (Sheppard) Bnkg & Currency—Amend Fed Credit Union Act.

S3288 (Pepper) Educ & Labor—Aid engineering experiment status at colleges.

S3290 (La Follette) Commerce—\$25,000,000 per year to Pub Health Service for venereal disease control. Also HR9047 (Bulwinkle) Interst & Porn Com.

S3293 (Clark) Finance—Amend Sec 1101 Social Sec Act covering corporatn officers who paid for duties as officers but excluding those who serve without remuneration for such duties.

S3296 (Pepper) Educ & Labor—Create permanent Bureau of Fine Arts. Also HR9102 (Coffee, Wash) Educ.

S3297 (Pepper) Commerce—Build Mercht Marine Academy. Also HR9060 (Caldwell) Mercht Marine & Fisheries.

S3305 (Copeland) Commerce—Amend laws re collision of vessels &c.

S3306 (Copeland) Finance—Banks reorganized since Jan 1 1933 entitled to recognitn of gain or loss on sales of assets placed in trust for liquidatn of portn of liability without awaiting final liquidatn. Also HR9046

Continued on Page 190

JAN 28

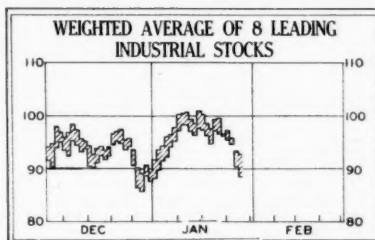


# Financial Markets: Rails Lead Stocks Sharply Lower

## On Increased Sales Volume

STOCK prices have declined almost without interruption during the past week and activity, although exceptionally light through Tuesday, increased to a considerable extent as prices broke sharply on Wednesday. The bond market has moved lower primarily as a result of continued selling of both high-grade and second-grade railroad issues.

The week under review began last Friday with a decline canceling the gain of the preceding day and a further loss was shown on Saturday. A slight decline in the market as a whole occurred on Monday, when volume on the Stock Exchange fell to only 537,000 shares, the lightest trading for a full day since last Aug. 31. A further recession of prices on continued light volume characterized Tuesday's trading, but on Wednesday prices opened with a downward gap and declined sharply on increased activity. On Thursday prices declined again.



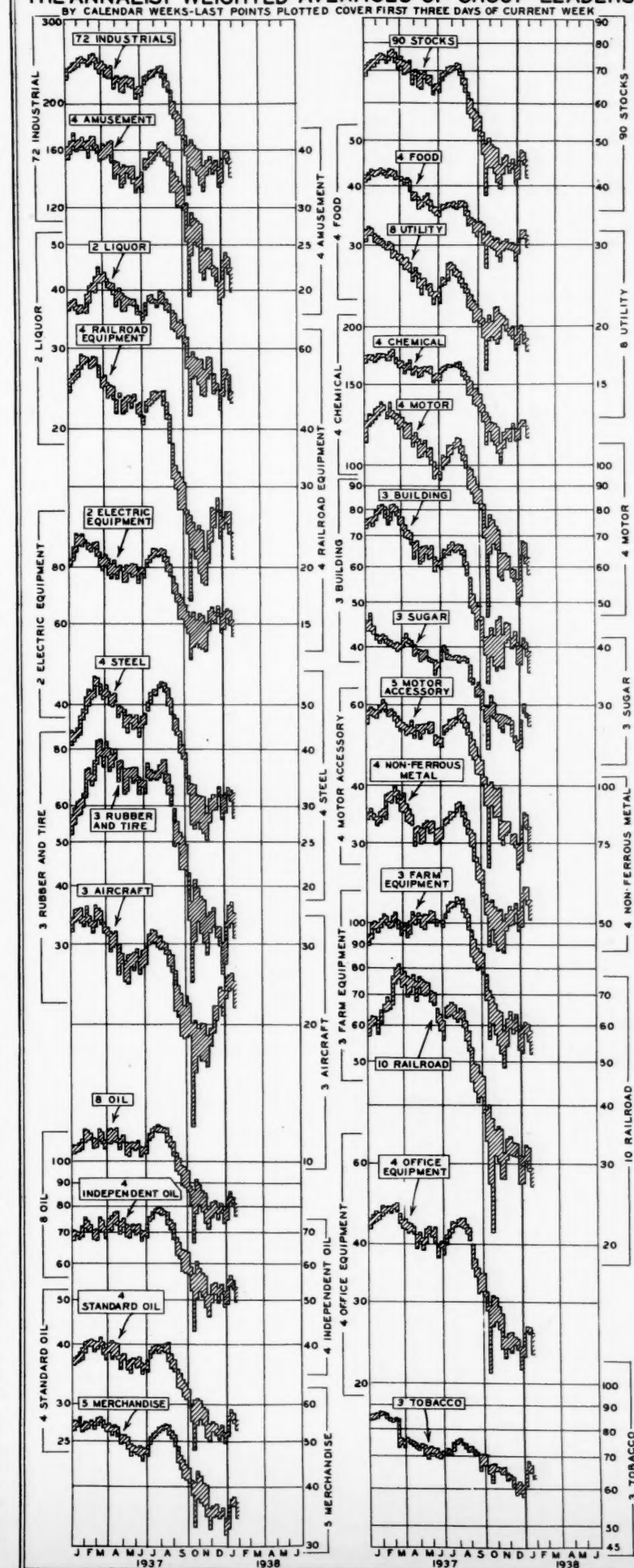
1938.	High.	Low.	Last.
Jan. 21	99.6	96.8	96.8
Jan. 22	96.8	96.5	96.5
Jan. 24	97.4	95.7	96.4
Jan. 25	95.9	94.9	95.1
Jan. 26	93.3	90.3	91.3
Jan. 27	92.9	88.5	90.0

The past week's decline of most of the market leaders has been of substantial proportions, but through Wednesday relatively few issues broke to new 1937-38 lows. Among stocks which have entered new low ground, however, may be mentioned National Steel, Union Pacific, Southern Pacific, Owens-Illinois Glass, National Supply, Crane and Minneapolis-Honeywell. In contrast to these stocks have been several issues which were fairly steady in the face of the general decline. Among this group, which consisted to a large extent of normally stable stocks, were United Fruit, General Mills, Borden, Standard Oil of California, Atlantic Refining, Public Service of New Jersey, various business machine stocks, including Remington Rand, and some gold stocks.

Included among the stocks which have declined most substantially were the leading issues in the steel, motor, copper, railroad, agricultural implement, railroad equipment, electrical equipment, aviation, rubber and machinery groups. In addition to this widely diversified list have been Texas Corporation, Amerada, U. S. Gypsum, Johns-Manville, Commercial Investment Trust, Loew's, Sears Roebuck, Montgomery Ward, Eastman Kodak, Corn Products and several leading chemical stocks.

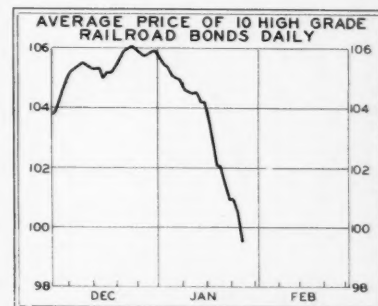
Unquestionably the persisting weakness of railroad bonds has exerted an important influence on the security markets in general. Both high-grade and second-grade railroad bonds have continued to fall sharply while better-grade utility and industrial issues, which in the several preceding weeks had held up well, have shown only moderate losses. The behavior of railroad bonds has an important influence on railroad stocks and it seems highly improbable that a sustained rally in railroad stocks could occur without the support of a recovery of high-grade rail bonds. It seems entirely reasonable, in fact, to expect that one of the first reliable signs of renewed confidence in the railroad industry will be a substantial advance of the better railroad bonds.

### THE ANNALIST WEIGHTED AVERAGES OF GROUP LEADERS



The effect of the recent decline in railroad obligations upon financial sentiment in general suggests the possible serious influence which widespread railroad bankruptcies at this time would have upon all types of securities. Several of the largest railroad systems are considered by some observers to be in a rather precarious position, and on the basis of the recent trend in bond prices serious difficulties could not be regarded as altogether unexpected. Considering the fact that some of these threatened railroads are more important than Erie, it can hardly be denied that further major railroad receiverships would depress railroad stocks materially below their present levels.

An interesting consideration with respect to the decline of the better-grade railroad bonds is the fact that the recent weakness has in effect greatly reduced the supply of what can be considered really high-grade



### AVERAGE PRICE OF TEN HIGH-GRADE RAILROAD BONDS

1938.	1937.	1937.	1937.	1937.	1937.
Jan.	Dec.	Nov.	Oct.	Sept.	Aug.
12...104.52	105.10	105.06	108.07	108.88	110.62
13...104.55	105.24	105.06	108.07	108.88	110.62
14...104.25	105.38	105.38	107.66	108.90	110.56
15...104.25	104.91	104.84	107.41	108.91	110.56
16...103.60	105.19	104.38	107.50	109.16	110.32
17...103.60	105.15	104.48	107.50	109.11	110.39
18...102.86	105.29	104.19	106.88	108.81	110.21
19...102.09	105.29	104.19	106.88	108.81	110.21
20...102.02	105.62	103.69	106.78	108.94	109.69
21...101.48	105.91	103.69	106.78	108.94	109.69
22...100.95	105.90	103.34	106.78	108.94	109.69
23...100.95	105.90	103.34	106.78	108.94	109.69
24...100.98	105.94	102.71	106.78	108.94	109.69
25...100.54	105.94	102.71	106.78	108.94	109.69
26...99.20	102.60	107.18	106.78	108.94	109.69

bonds. Although this decline may not have provided sufficient basis for changing the ratings on most high-grade railroad bonds, the investing public recognizes that the position of many securities of this type has been definitely weakened. Provided the current contraction in business does not develop into a serious financial crisis, therefore, it would appear reasonable to expect the demand for the best-grade bonds outside the railroad field to increase over the next several months.

The decline of the stock market from the high in the second week of this month will be considered by traders as having varying degrees of significance from the technical point of view. These differences will depend to a large extent upon whether or not the advance at the beginning of the year was regarded as an important bullish indication. The penetration by industrials of their December highs was considered a favorable signal in itself but the rails failed to confirm this move.

The subsequent decline has therefore created for some technical students a very confusing situation in which industrials have turned definitely downward only about a week after giving a supposedly bullish signal. The rails, moreover, have declined to the previous low area only about two weeks after the industrials penetrated the December highs. The fact that volume tended to dry up through last Tuesday might have served to minimize the importance of the recession, but Wednesday's severe drop indicated an entirely different type of market. The break on Wednesday in fact canceled practically all of the early January recovery.

S. F.



# The Week in Commodities: Prices Drop to July, 1936 Level in Wave of Selling

FARM and food products again led commodity prices sharply lower. On Jan. 26 The Annalist Weekly Index of Wholesale Commodity Prices was 83.4 of the 1926 base, a drop of six-tenths of a point in a week and 8.3 points lower than a year ago. The decline in commodity prices, which has taken place since the post-depression high was reached in July, 1937, is without precedent in American history with the exception of the severe deflation in 1920-21. At that time, however, commodity prices were dropping from the abnormally high war quotations. The present recession began from a level which corresponded with prices prevailing between 1922 and 1929.

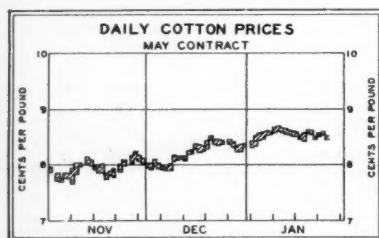
The monthly index for January is 84.2, as compared with 85.5 in December and 91.9 in the first month of last year. On a monthly basis prices are now the lowest since July, 1936.

## DAILY COMMODITY PRICES

	Cotton	Wheat	Corn	Hogs	Moody's Jones
Jan. 19..	8.59	1.10%	.75	8.10	150.8
Jan. 20..	8.62	1.11%	.75	8.18	151.1
Jan. 21..	8.58	1.10%	.75	8.23	151.2
Jan. 22..	8.53	1.12%	.75	8.23	151.1
Jan. 23..	8.60	1.13%	.75	8.31	150.4
Jan. 24..	8.58	1.13%	.76	8.32	152.2
Jan. 25..	8.54	1.10%	.75	8.35	150.4
Jan. 26..	8.54	1.10%	.75	8.35	150.4

For description of items used see THE ANNALIST of Jan. 21, 1937.

The futures markets were firm and slightly higher in the first part of the week ended Wednesday. On Tuesday, however, some selling was noticed, while on Wednesday prices broke badly following President Roosevelt's statement concerning high wages but lower prices. In the late break the grains, rubber, hides and cottonseed oil were the principal losers.



## COTTON

There were no special developments in the cotton situation and prices drifted lower in apathetic trading. Speculative interest is at a minimum. While there are many traders who expect cotton prices to go lower, they are fearful of selling any large number of contracts for two main reasons. The first is that cotton prices are virtually "pegged" near the government loan value and profits to be gained from short selling under such

## WEEKLY FOREIGN WHOLESALE PRICE INDEXES

(Measured in currency of country; 22 primary commodities in terms of gold)

	Canada	U.K.	France	Germany	Italy	Primary C'mod.
Base.....	1926	1926	1926	1913	1913	1928
Day Compiled..	Fri.	Sat.	Sat.	Wed.	Thur.	Sat.
1937:						
Week Ended:						
Nov. 13.....	83.5	78.2	604	105.5	468	46.3
Nov. 20.....	83.5	77.0	595	105.6	468	45.2
Nov. 27.....	82.6	77.1	590	105.5	469	44.6
Dec. 4.....	82.5	77.3	593	105.6	469	45.2
Dec. 11.....	82.7	77.4	594	105.6	471	44.4
Dec. 18.....	82.8	77.6	596	105.5	471	44.7
Dec. 25.....	82.8	77.6	599	105.5	471	44.8
1938:						
Jan. 1.....	83.0	77.9	601	105.5	471	45.1
Jan. 8.....	83.5	77.9	608	105.6	470	45.3
Jan. 15.....	83.4	77.6	601	105.5	471	45.3

Sources: Canada, Dominion Bureau of Statistics; U. K., Crump; France, and Primary Commodities, Statistique Generale de la France; Germany, Statistische Reichsamst; Italy, Consiglio Provinciale delle Corporazioni di Milano.

circumstances might not be large enough to offset the risks involved. Second is the fact that so much cotton is tied up in the government loan that there are relatively few contracts available for trading, which factor makes for comparatively sharp price swings on a small volume of trading.

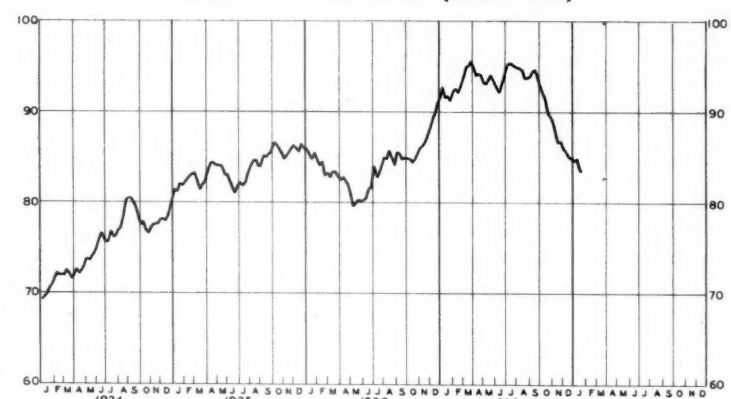
For those looking at the brighter side of the cotton picture there is the steadily

growing export business. For the week ended Jan. 20, shipments to foreign countries aggregated 128,000 bales, a gain of about 65 per cent, as compared with the corresponding week of 1937. The season's exports are now 3,681,000 bales, or 12.2 per cent larger than a year ago. In recent weeks exports have shown very encouraging gains, as compared with the corresponding periods in 1937. In the middle of December, for example, shipments for the season were but 8.5 per cent above last year's figure.

The goods markets have turned dull

following the exceptionally active business of two weeks ago. Current sales of unfinished goods are estimated at between 40 and 50 per cent of present low production. Some authorities are looking for an early improvement in the goods market, but this view is not shared by the entire trade. Deliveries of cotton to domestic mills continue to make poor reading. For the latest week forwardings totaled 101,000 bales, as contrasted with 174,000 in the corresponding period of last year, a decline of more than 40 per cent. On the other hand, forwardings to foreign mills

## THE ANNALIST WEEKLY INDEX OF WHOLESALE COMMODITY PRICES (1926=100)



	1. Farm Products	2. Food Products	3. Textile Products	4. Fuels	5. Metals	6. Building Materials	7. Chemicals	8. Miscellaneous	9. All Commodities
1937:									
Jan. 26.....	102.9	84.0	82.1	88.9	98.0	67.6	86.8	73.2	91.7
1938:									
Jan. 5.....	83.8	75.6	60.3	91.3	103.8	68.6	88.9	73.9	84.7
Jan. 12.....	83.6	76.0	60.5	91.3	104.2	68.6	88.9	74.3	84.9
Jan. 19.....	80.6	74.3	59.2	91.3	104.0	68.6	88.9	74.3	84.0
Jan. 26.....	79.5	72.9	58.9	91.5	103.5	68.6	88.9	74.1	83.4
1937:									
October.....	93.8	85.4	66.6	91.0	106.7	70.8	89.9	77.4	91.6
November.....	88.3	82.7	63.2	89.9	104.7	69.7	89.4	75.2	88.0
December.....	84.7	78.2	60.9	89.6	103.9	68.9	88.9	74.4	85.5
January.....	103.3	84.7	82.1	88.6	97.7	67.6	86.8	72.9	91.9
1938:									
January.....	81.9	74.7	60.2	91.3	103.9	68.6	88.9	74.2	84.2

Per cent change for week from:  
Last week ... -1.4 -1.9 -0.5 +0.2 -0.5 0.0 0.0 -0.3 -0.7  
Last year ... -22.7 -13.2 -27.0 +2.9 +5.6 +1.5 +2.4 +1.2 -9.1  
\*Preliminary. †Revised. For back figures see THE ANNALIST of July 9, 1937, pages 47 and 48.

## SPOT PRICES OF IMPORTANT COMMODITIES

(New York Prices Except as Noted)

	Jan. 26, 1938	Jan. 19, 1938	Jan. 26, 1937
Wheat, No. 2 red, c.i.f., domestic (bu.)...	\$1.10%	\$1.10%	\$1.44%
Corn, No. 2 yellow (bu.)...	.75%	.75%	1.25%
Oats, No. 3 white (bu.)...	.44%	.44%	.63%
Rye, No. 2 Western domestic, c.i.f. (bu.)...	.86%	.86%	1.29%
Barley, malting (bu.)...	.91%	.91%	1.37%
Flour, spring patents (bbl.)...	5.95-6.20	6.00-6.20	7.45
Cattle, good and choice heavy steers, average, Chicago (100 lb.)...	9.19	9.81	11.91
Hogs, good and choice, average, Chicago (100 lb.)...	8.35	8.10	10.10
Beef, Western dressed steers, 700 lbs. and up, good and choice, average (100 lb.)...	13.38	14.00	17.00
Hams, smoked, 10-12 lbs. (lb.)...	.2237	.22	.22%
Pork, mess (100 lb.)...	27.37%	27.37%	31.37
Bacon, No. 1 dry cure, 6-8 lbs. (100 lb.)...	28.25	28.00	28.00
Lard, choice Western (100 lb.)...	9.15-9.25	8.90-9.00	13.45-13.55
Sugar, raw, duty-paid (lb.)...	.04%	.04%	.0381
Sugar, refined (lb.)...	.08%	.08%	.08
Coffee, Santos, No. 4 (lb.)...	.0570	.06	.11%
Cocoa, Accra (lb.)...	.0854	.0859	.1307
Cotton, middling upland (lb.)...	.79	.79	1.11
Wool, fine staple territory (lb.)...	1.55-1.60	1.55-1.60	1.96-2.01
Silk, 78% serpline, Japan, 13-15 (lb.)...	.56	.59	.82
Rayon, 150 denier, first quality (lb.)...	1.41%	1.41%	1.83%
Cotton yarn, carded 20-2 warp (lb.)...	.21%	.21	.34%
Printcloth, 38% inch, 64x60, 5.35 (yd.)...	.04%	.04%	.08%
Cotton sheeting, brown, 36-inch, 66x60, 4.00, unbranded double cuts (yd.)...	.05%	.05%	.08%
Hides, light native cows, Chicago (lb.)...	.09%	.10%	.14%
Leather, union backs (lb.)...	.36	.36	.38
Rubber, plantation ribbed smoked sheets (lb.)...	.14%	.14%	.21%
Coal, anthracite, chestnut (short ton)...	6.25	6.25	6.75
Coal, bituminous, Annalist composite, 10 series (net ton)...	2.270	2.292	2.181
Petroleum, crude, at well, Oil, Paint and Drug Reporter avg. for 10 fields (bbl.)...	1.322	1.322	1.276
Gasoline, at refinery, Oil, Paint and Drug Reporter avg. for 4 refineries (gals.)...	.05%	.05%	.053%
Pig iron, Iron Age composite (gross ton)...	23.25	23.25	20.25
Finished steel, Iron Age composite (100 lb.)...	2.605	2.605	2.33
Steel scrap, Iron Age composite (gross ton)...	14.00	14.00	18.83
Copper, electrolytic, delivered Conn. (lb.)...	.10%	.10%	.13
Copper, export, c.i.f. (lb.)...	.0990-.0995	.1050-.1060	.1260-.1265
Lead (lb.)...	.0490-.0495	.0490-.0495	.06-.0605
Tin, Straits (lb.)...	.40%	.41%	.5035
Zinc, East St. Louis (lb.)...	.05	.05	.06
Silver, Handy & Harman, official (oz.)...	.44%	.44%	.44%
Paper, newsroll contract (ton)...	50.00	150.00	42.50
Paper, wrapping, No. 1 Kraft (lb.)...	.05%	.05%	.04%

†Prices for previous Friday. ‡No. 2 white. †No quotation. n Nominal. †Revised.

are on a relatively high plane. In the week ended Jan. 20, foreign deliveries aggregated 133,000 bales, or 40 per cent greater than in the week ended Jan. 21, 1937. The domestic cotton picture would be much darker if the foreign angle were not what it is.

Spot sales have become more numerous, which development has been predicted in these columns on several occasions. Farmers are obviously willing to take advantage of current higher prices and have been liquidating their crop. Whereas a few months ago spot sales were running well under the levels of the preceding year—in spite of the much larger crop—current volume in the spot markets is

## MOVEMENT OF AMERICAN COTTON

(Thousands of running bales, counting round as half, linters excluded; as reported by the New York Cotton Exchange)

—Wk. End. Thursday— Yr.'s  
Jan. 20, Jan. 13, Jan. 21, Ch'ge  
1938. 1938. 1937. P. C.

**Movement Into Sight:**  
During week..... 224 234 154 +45.4  
Since Aug. 1..... 10,878 10,644 10,252 + 6.1

**Deliveries During Week:**  
To domestic mills... 101 80 174 -42.0  
To foreign mills... 133 129 95 +40.0

To all mills..... 234 209 269 -13.0

**Deliveries Since Aug. 1:**  
To domestic mills... 3,300 3,199 4,719 -30.1  
To foreign mills... 2,795 2,652 2,492 +12.2

To all mills..... 6,095 5,851 7,211 -15.5

**Exports:**  
During week..... 128 142 78 +64.1  
Since Aug. 1..... 3,681 3,543 3,282 +12.2

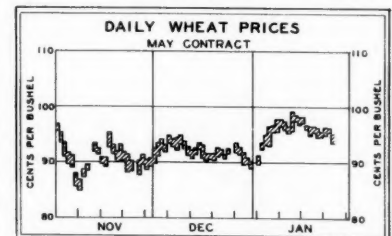
**World Visible Supply**  
(Thursday):  
World total..... 7,664 7,674 6,293 +21.7  
Week's change..... -10 +25 -115  
U. S. A. only..... 5,788 5,793 4,633 +24.9

two or three times that of the early part of 1937.

March cotton closed at 8.44 on Wednesday for a loss of 5 points. The December option also lost 5 points to end at 8.67.

## THE GRAINS

Wheat prices held very well around the recent highs in spite of a slow export demand and declining prices in many other sections of the commodity markets. Holders of contracts were cheered by the favorable action of prices and retained their options. The majority of trade observers



was not greatly disappointed by the lull in foreign demand, but merely assumed that it represented a "rest period" from the heavy buying that has been done in recent weeks and not any change in the basic situation.

Late last week the London Wheat Committee sent out a warning that unless acreage was cut sharply in all parts of the world another "crisis" would face the wheat trade because of a huge oversupply. The report was ridiculed by most trade interests who quickly pointed out that the committee assumed normal yields of the total seeded world acreage and that such an assumption should not be made. This year, as the Bartlett Frazier Company points out, the important Canadian and Argentine crops are failures, which fact proves the folly of gauging future wheat crops on seeded acreage alone. In any event, the strongly worded committee report caused not even a ripple in wheat prices, giving further evidence of the underlying strength in the wheat market.

Some sections of the Southwest are badly in need of snow or rain, but so far the bullish weather reports have been offset by a slow export demand. Should foreign buying increase at a time when



weather reports point to higher prices, a sharp rise in wheat quotations would undoubtedly result.

May wheat closed at 93¢ cents for a loss of 1¢. December eased five-eighths of a cent to 88½¢.

### RUBBER

A nimble trader could have made a considerable amount of money in the rubber futures market last week. In very active trading, March rubber rose 23 points on last Thursday and another 13 points on Friday before an irregular decline began which lasted through Monday of this week. On Tuesday quotations soared 50 points on the cut in second-quarter quotas. On Wednesday, however, more than that many points were lost in heavy liquidation.

On Tuesday the International Rubber Regulation Committee cut permissible exports of crude rubber for the second quarter to 60 per cent of the basic quotas. Exports for the first quarter are 70 per cent of the basic quotas. Permissible exports for the first half of this year are now 420,956 tons, as contrasted with actual exports of 482,647 tons from the same countries in the first half of last year. It is noteworthy that domestic consumption in recent months has been as much as 40 per cent lower than for the corresponding months of last year while foreign usage has also declined rather drastically, but even under the new quotas, exports in the first six months of this year will be only 12.8 per cent less than in the first half of 1937.

Tire manufacturers expressed satisfaction in the latest reduction in the quotas. They stated that the move would do much to stabilize prices and thus help restore better conditions within the industry. Despite the bullish implications of the reduced quotas, however, it is well to bear in mind that consumption is still very disappointing and stocks unusually large, a combination which makes any sharp price rise difficult. Should rubber consumption increase as swiftly as it declined, though, it is quite possible that a tight supply situation could develop within a very short space of time.

March rubber closed at 14.85, unchanged, after selling as high as 15.42. Other options followed a similar trend.

### COCOA

Numerous conflicting cables regarding the holding movement on the Gold Coast caused liquidation in the cocoa market although the selling was by no means constant. The market was a seesaw affair with the sellers having an edge. The New York Cocoa Exchange reports that the holding movement is obviously still in effect in spite of many reports indicating that it was over. Shipments in the first half of January totaled 2,621 tons, as compared with 16,101 tons in the same period of last year.

Warehouse stocks in New York continue their downward trek and on Wednesday totaled but 634,700 bags, as compared with 1,391,000 bags on Oct. 15, 1937, which was the all-time high. Just what will happen if domestic stocks continue to drop at the present rate is not entirely clear, but some price rise seems inevitable in order to bring out long-delayed offerings.

### SUGAR

With the possible exception of a port strike in Puerto Rico, which has retarded the movement of sugar from that island, little has occurred in the sugar picture to encourage buyers. The Puerto Rican strike, even if continued for a long time, will probably have little effect upon sugar quotations because the important Cuban crop is now going to the mills and that supply will soon be reaching America.

As has been pointed out in these columns before, the present quotas appear adequate for the consumption which may

## COMMODITY FUTURE PRICES

(Grains at Chicago; Others at New York)

	Daily Range				Weekly Range			
	March	May	July	October	December	January	February	March
	High	Low	High	Low	High	Low	High	Low
<b>Cotton:</b>								
Jan. 17.....	8.53	8.48	8.60	8.54	8.64	8.60	8.71	8.71
Jan. 18.....	8.48	8.40	8.55	8.47	8.60	8.53	8.67	8.60
Jan. 19.....	8.49	8.38	8.57	8.44	8.60	8.51	8.68	8.59
Jan. 20.....	8.55	8.50	8.62	8.57	8.68	8.62	8.78	8.71
Jan. 21.....	8.55	8.48	8.61	8.55	8.66	8.60	8.75	8.71
Jan. 22.....	8.43	8.40	8.51	8.47	8.56	8.53	8.67	8.63
Week's range.....	8.55	8.38	8.62	8.44	8.68	8.51	8.78	8.59
Jan. 24.....	8.50	8.44	8.57	8.51	8.63	8.55	8.73	8.66
Jan. 25.....	8.52	8.48	8.60	8.55	8.65	8.60	8.76	8.69
Jan. 26.....	8.46	8.41	8.53	8.47	8.58	8.53	8.68	8.63
Jan. 26 close.....	8.44b		8.52t		8.58b		8.68t	
Contract range {	13.97	7.52	12.95	7.60	11.83	7.65	8.85	7.83
Apr. 5 Oct. 8	My. 24	Oct. 8	My. 24	Oct. 8	My. 24	Oct. 8	My. 24	Oct. 8
Traded week ended Jan. 22, 464,500 bales; previous week, 539,900.								
<b>Wheat:</b>								
Jan. 17.....	98½	98½	99¼	99¼	99¼	99¼	99¼	99¼
Jan. 18.....	98½	98½	99¼	99¼	99¼	99¼	99¼	99¼
Jan. 19.....	98½	98½	99¼	99¼	99¼	99¼	99¼	99¼
Jan. 20.....	98½	98½	99¼	99¼	99¼	99¼	99¼	99¼
Jan. 21.....	98½	98½	99¼	99¼	99¼	99¼	99¼	99¼
Jan. 22.....	98½	98½	99¼	99¼	99¼	99¼	99¼	99¼
Week's range.....	98½	98½	99¼	99¼	99¼	99¼	99¼	99¼
Jan. 24.....	98½	98½	99¼	99¼	99¼	99¼	99¼	99¼
Jan. 25.....	98½	98½	99¼	99¼	99¼	99¼	99¼	99¼
Jan. 26.....	98½	98½	99¼	99¼	99¼	99¼	99¼	99¼
Jan. 26 close.....	98½		99¼		99¼		99¼	
Contract range {	1.22%		85½		1.05%		81¼	
Apr. 5 Oct. 8	July 29	Nov. 8	Sept. 28	Nov. 8	Jan. 13	Jan. 6		
Traded week ended Friday, Jan. 21, 110,400,000 bushels; previous week, 177,547,000.								
<b>Corn:</b>								
Jan. 17.....	61	60½	60½	60½	60½	60½	60½	60½
Jan. 18.....	61	60½	60½	60½	60½	60½	60½	60½
Jan. 19.....	61	60½	60½	60½	60½	60½	60½	60½
Jan. 20.....	61	60½	60½	60½	60½	60½	60½	60½
Jan. 21.....	61	60½	60½	60½	60½	60½	60½	60½
Jan. 22.....	61	60½	60½	60½	60½	60½	60½	60½
Week's range.....	61	60½	60½	60½	60½	60½	60½	60½
Jan. 24.....	61	60½	60½	60½	60½	60½	60½	60½
Jan. 25.....	61	60½	60½	60½	60½	60½	60½	60½
Jan. 26.....	61	60½	60½	60½	60½	60½	60½	60½
Jan. 26 close.....	61		60½		60½		60½	
Contract range {	1.22%		85½		1.05%		81¼	
Apr. 5 Oct. 8	July 29	Nov. 8	Sept. 28	Nov. 8	Jan. 13	Jan. 6		
Traded week ended Friday, Jan. 21, 110,400,000 bushels; previous week, 177,547,000.								
<b>Oats:</b>								
Jan. 17.....	32	31½	31½	31½	31½	31½	31½	31½
Jan. 18.....	32	31½	31½	31½	31½	31½	31½	31½
Jan. 19.....	32	31½	31½	31½	31½	31½	31½	31½
Jan. 20.....	32	31½	31½	31½	31½	31½	31½	31½
Jan. 21.....	32	31½	31½	31½	31½	31½	31½	31½
Jan. 22.....	32	31½	31½	31½	31½	31½	31½	31½
Week's range.....	32	31½	31½	31½	31½	31½	31½	31½
Jan. 24.....	32	31½	31½	31½	31½	31½	31½	31½
Jan. 25.....	32	31½	31½	31½	31½	31½	31½	31½
Jan. 26.....	32	31½	31½	31½	31½	31½	31½	31½
Jan. 26 close.....	32		31½		31½		31½	
Contract range {	1.22%		85½		1.05%		81¼	
Apr. 5 Oct. 8	July 29	Nov. 8	Sept. 28	Nov. 8	Jan. 13	Jan. 6		
Traded week ended Friday, Jan. 21, 110,400,000 bushels; previous week, 177,547,000.								
<b>Rye:</b>								
Jan. 17.....	75½	73½	73½	73½	73½	73½	73½	73½
Jan. 18.....	75½	73½	73½	73½	73½	73½	73½	73½
Jan. 19.....	75½	73½	73½	73½	73½	73½	73½	73½
Jan. 20.....	75½	73½	73½	73½	73½	73½	73½	73½
Jan. 21.....	75½	73½	73½	73½	73½	73½	73½	73½
Jan. 22.....	75½	73½	73½	73½	73½	73½	73½	73½
Week's range.....	75½	73½	73½	73½	73½	73½	73½	73½
Jan. 24.....	75½	73½	73½	73½	73½	73½	73½	73½
Jan. 25.....	75½	73½	73½	73½	73½	73½	73½	73½
Jan. 26.....	75½	73½	73½	73½	73½	73½	73½	73½
Jan. 26 close.....	75½		73½		73½		73½	
Contract range {	1.22%		85½		1.05%		81¼	
Apr. 5 Oct. 8	July 29	Nov. 8	Sept. 28	Nov. 8	Jan. 13	Jan. 6		
Traded week ended Friday, Jan. 21, 110,400,000 bushels; previous week, 177,547,000.								
<b>Coffee—D (Santos No. 4):</b>								
March.....	6.52	6.32	6.43 t	6.40	6.29	6.80	6.42	10.63
May.....	6.32	6.23	6.26 n	6.22	6.15	6.44	6.22	10.48
July.....	6.23	6.15	6.16 n	6.18	6.10	6.37	6.16	10.09
Sept.....	6.20	6.15	6.14 n	6.18	6.11	6.35	6.20	9.00
Dec.....	6.24	6.09	6.11 n	6.18	6.13	6.32	6.15	6.33
Contracts traded.....				178			426	
<b>Coffee—A (No. 7):</b>								
March.....	4.35	4.29	4.30 n	4.36	4.31	4.48	4.44	7.12
May.....	4.35	4.29	4.30 n	4.25	4.10	4.25	4.16	7.05
July.....	4.14	4.08	4.09 n	4.10	4.00	4.20	4.10	6.79
Sept.....	4.08	4.08	4.10 n	4.08	4.00	4.17	4.07	5.85
Dec.....	4.08	4.08	4.08 n	4.05	4.03	4.05	4.05	4.24
Contracts traded.....				69			38	
<b>Sugar—No. 3 ("U. S."):</b>								
Jan.....	2.35	2.32	2.30 n	2.28	2.28	2.30	2.26	2.83
March.....	2.27	2.25	2.26 b	2.31	2.26	2.33	2.28	2.56
May.....	2.29	2.28	2.28 b	2.33	2.28	2.35	2.29	2.52
July.....	2.29	2.29	2.29 b	2.32	2.29	2.37	2.32	2.52
Sept.....	2.29	2.29	2.29 b	2.34	2.30	2.39	2.33	2.44
Jan. 1939.....	2.30	2.28	2.27 b	2.34	2.30	2.38	2.36	2.38
Contracts traded.....				538			1,141	
<b>Sugar—No. 4 ("World"):</b>								
March.....	1.14	1.12	1.12 b	1.14	1.11	1.17	1.14%	1.44%
May.....	1.15%	1.13%	1.13 b	1.16	1.14	1.19	1.16%	1.45%
July.....	1.17	1.15%	1.15 b	1.18	1.14%	1.21	1.18	1.46%
Sept.....	1.19%	1.17%	1.17 b	1.20%	1.17	1.23	1.20	1.47%
Mar. 1939.....	1.21 n			1.23	1.23	1.29	1.23	1.33
May, 1939.....	1.23 n			1.23	1.23	1.29	1.23	1.33
Contracts traded.....				534			296	
<b>Cocoa:</b>								
March.....	5.50	5.17	5.32 t	6.28	5.29	6.60	5.82	11.52
May.....	5.50	5.17	5.33 t	6.31	5.30	6.60	5.85	8.88
July.....	5.56	5.25	5.40 t	6.37	5.35	6.64	5.87	8.97
Sept.....	5.61	5.35	5.47 t	6.41	5.38	6.72	5.93	8.57
Dec.....	5.74	5.45	5.62 b	6.51	5.53	6.63	6.17	6.63
Contracts traded.....				2,328			3,439	
<b>Hides—Standard:</b>								
March.....	8.92	8.42	8.58 t	10.05	8.82	10.92	10.01	19.32
June.....	9.25	8.76	8.95 t	10.44	9.17	11.28	10.35	18.38
Sept.....	9.52	9.15	9.25 b	10.69	9.54	11.57	10.64	17.00
Dec.....	9.95	9.50	9.55 n	10.81	10.00	11.20	11.20	12.00
Contracts traded.....				737			688	
<b>Rubber—No. 1 Standard:</b>								
March.....	15.42	14.85	14.85 t	15.25	14.80	15.05	14.05	26.26
May.....	15.51	14.99	15.04 t	15.42	14.91	15.17	14.81	20.37
July.....	15.64	15.14	15.16 t	15.54	15.02	15.28	14.92	19.70
Sept.....	15.71	15.20	15.28 t	15.65	15.14	15.38	15.01	17.63
Dec.....	15.90	15.70	15.43 n	15.67	15.42	15.53	15.25	15.53
Contracts traded.....				858			1,095	
<b>Silk:</b>								
Jan.....	1.52	1.51	1.51 t	1.51%	1.49%	1.51%	1.49	1.94
March.....	1.49	1.48	1.48 t	1.49%	1.48%	1.50%	1.48	1.82%
May.....	1.49	1.47	1.46 b	1.49	1.47	1.50	1.47%	1.65%
July.....	1.48	1.46	1.46 b	1.48	1.46%	1.49	1.47	1.52
Contracts traded.....				281			195	
<b>Wool Tops:</b>								
March.....	82.0	78.4	78.0 b	82.7	81.0	82.0	81.0	115.0
May.....	79.0	77.5	77.5 b	80.5	79.0	81.0	79.0	112.0
July.....	78.2	76.0	75.5 b	80.0	78.0	80.0	78.0	111.0
Oct.....	78.0	76.0	75.5 b	79.7	77.9	79.6	77.8	81.5
Dec.....	78.0	76.5	75.5 b	79.5	77.6	79.0	77.9	81.0



# Canadian Business Activity Declines; Exports Show Further Sharp Decrease

THE December business picture is now fairly clear. Most industries were forced to give ground under the impact of decreasing demand for Canadian merchandise in the United States market. We estimate The Annalist Index of Canadian Business Activity at 88.1, as compared with 92.4 for November, 91.5 for October and 84.0 for April, the low for the year. The decline in business activity has been small, as compared with that in the United States, and it seems likely that Canada will continue to make the more favorable showing.

Reflecting for the most part the business recession in the United States and Canada's small wheat supply, exports in December continued to fall sharply (complete foreign trade statistics for December will not be available until next week). Total domestic exports amounted to \$77.

## THE ANNALIST INDEX OF CANADIAN BUSINESS ACTIVITY

	Dec.	Nov.	Oct.
Freight car loadings.....	75.7	69.4	69.4
Electric power production.....	92.6	93.1	91.7
Automobile production.....	108.1	111.1	76.0
Newsprint production.....	97.6	91.8	97.6
Steel ingot production.....	*88.7	102.3	108.2
Pig iron production.....	*102.0	112.9	122.6
Copper exports.....	*112.0	144.7	94.4
Nickel exports.....	*149.6	202.2	171.1
Coal production.....	99.8	103.4	99.8
Rubber imports.....	*76.2	115.7	158.8
Cotton imports.....	*91.8	163.2	159.7
Flour production.....	68.1	75.8	75.8
Cattle slaughtered.....	107.2	112.1	122.2
Hogs slaughtered.....	148.8	157.0	151.2
Exports of boards and planks.....	101.3	92.2	81.6
Building permits.....	20.7	26.5	21.8
Combined index.....	*88.1	92.4	91.5

\*Subject to revision.

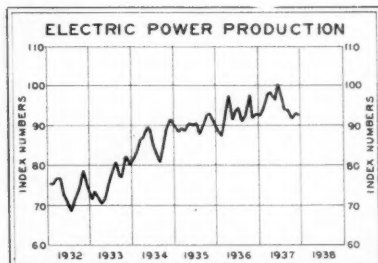
\$82,000, as compared with \$106,663,000 in November and \$98,074,000 in December, 1936. The drop in exports from November amounted to slightly over 27 per cent, which compares with the usual seasonal decline of only 16 per cent.

In last week's issue of THE ANNALIST we showed average daily seasonally adjusted exports to the United States and to the United Kingdom. The chart showed that exports to the United States slumped badly in November while those to the United Kingdom rose sharply. The seasonally adjusted figures for December reveal that exports to both countries fell off and by about the same amount. There is, however, this important difference. The adjusted figure for the United States

is now over 50 per cent below the high level of the year while that for the United Kingdom shows a loss of only 27 per cent.

Electric power production per day (exclusive of exports) showed a slightly greater than seasonal decline last month. Our adjusted production index declined to 92.6 from 93.1, which compares with last year's low of 91.7 for October. If no allowance is made for long-time trend, output was the greatest for any December on record. Production per day amounted to 74,158,000 kilowatt hours as compared with 75,637,000 in November and 70,866,000 in the corresponding month of 1936.

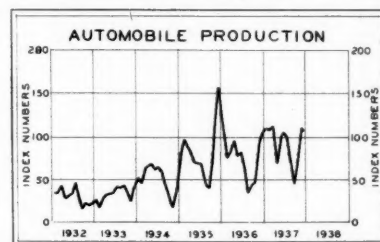
Excluding deliveries to electric boilers and exports, power production per day in December amounted to 52,560,000 kilowatt hours as compared with 54,620,000 in November and 48,920,000 in December, 1936.



Although Canada has rapidly developed her water power resources she has still a long way to go before they are completely utilized. New water power installations in 1937, according to the Department of Mines and Resources, amounted to 167,161 horsepower which raised the total at the year-end to 8,112,751 horsepower. Two large new developments were completed, the Ontario Paper Company installing 70,000 horsepower and the Great Lakes Power 10,000 horsepower. Extension of existing plants accounted for the remainder.

Canada's automobile industry made an

impressive showing in December. Production of motor vehicles increased 25 per cent over November and was slightly greater than in December, 1936. These gains are largely accounted for by an unusually sharp advance in truck production. Passenger car output amounted to 14,384 cars as compared with 13,793 in November and 16,542 in December, 1936. Truck production totaled 6,268 vehicles as compared with 2,781 in November and 3,869 in December, 1936. On an average daily basis and after allowance for seasonal fluctuations, production declined slightly, our adjusted index being 108.1 as com-



pared with 111.1 for November and 105.8 for December, 1936. It is interesting to note that the number of cars produced for sale in Canada declined moderately to 11,912 from 12,584 in November, but that those for export increased very sharply to 8,740 from 3,990.

The record of the industry for the entire year came very near equalling the optimistic forecasts made a year ago. Total output amounted to 207,000 units (153,371 passenger cars and 53,629 trucks), a gain of 28 per cent over the 1936 total of 162,159 units (131,618 passenger cars and 30,541 trucks). The total for last year was the highest on record with the exception of 1928 and 1929, when production amounted to 242,054 and 262,625 respectively.

Freight-car loadings for the week ended Jan 15 rose moderately to 45,471 cars from 44,024 cars for the preceding week, but after allowance for holidays and sea-

sonal fluctuations, the Dominion Bureau of Statistics index dipped to 83.12 from 88.86; a year ago it stood at 86.45. As compared with a year ago, total loadings showed a decline of 1,818 cars, largely because of sharp decreases in coal, pulp and paper, and lumber loadings. The important miscellaneous group showed a moderate increase, while a gain of 1,686 cars occurred in pulpwood loadings. Smaller increases were recorded by ore and coke.

Commodity prices declined fractionally for the week ended Jan. 14, the Dominion Bureau of Statistics index being 83.4, as compared with 83.5 for the preceding week and 81.9 for the corresponding week of last year. Price movements were mixed. Five of the eight major groups included in the composite index were unchanged, but declines in vegetable and animal products more than offset strength in non-ferrous metals. The index of Canadian farm products declined slightly to 87.2 from 87.3; a year ago it stood at 87.6.

## Stock Markets

Stock prices drifted lower in a comparatively inactive market last week. After showing a slight gain in the early part of the week, the Toronto Stock Exchange index of twenty industrials closed nearly a point lower last Tuesday. The index stood at 124.0 as compared with 124.9 a week ago and 126.8 the high for the month-to-date. The Montreal index of industrials followed a similar course.

Golds were again the best performers and showed a slight gain for the week. The index of twenty golds stood at 121.7 last Tuesday, as compared with 119.9 a week ago and a high for the month-to-date of 123.0. Miscellaneous mines were fairly heavy losers, the index dropping 4.1 points to 127.8. This compares with a high for the month-to-date of 135.3. Utilities started the week with a decline and then recovered to a new high for the month, but weakened at the close and showed a net loss of 1 point.

Abitibi Power and Paper Company, Ltd. — A move to draft a new plan of reorganization for the company, a move prob-

Week Ended

## Transactions on the Montreal Stock Exchange

Saturday, Jan. 22

### McDOUGALL & COWANS

Members Montreal Stock Exchange  
Members Montreal Curb Market  
Members Canadian Commodity Exchange, Inc.  
Private Wire Connections New York and Toronto  
520 ST. FRANCOIS XAVIER STREET  
P. O. BOX 1959 MONTREAL, QUE.  
Branch: 14 METCALFE STREET — OTTAWA, ONT.

STOCKS	High	Low	Last
5 Acme Glove	7	7	7
5 Agnew pf. 105	105	105	105
10 Am. El. pf. 29	29	29	29
180 A. Brew.	12	12	12
1,572 Bathurst	104	104	104
15 Bwlf Gr.	125	125	125
50 Bwlf Gr pf. 17	17	17	17
425 Bell	166	166	166
4,455 Brazil	124	114	114
194 B C Pow.	33	33	33
120 B C Pow, B	4	4	4
125 Bruck	3	3	3
365 Bldg Pro.	52	52	52
1,635 Can Cem.	12	12	12
24 Can Cem pf. 107	107	107	107
25 Can Cem pf. 17	17	17	17
80 Can S. Pw.	19	19	19
367 Can S. Pw pf. 12	12	12	12
585 Can S. Pw pf. 11	11	11	11
150 Can Brnz.	39	39	39
1,261 Can Car.	11	11	11
405 Can Car pf. 21	21	21	21
335 Cel.	20	19	19
20 Cel pf.	107	107	107
90 Can Cof pf. 108	108	108	108
145 C F Inv.	18	18	18
1,445 Alcohol, A.	4	4	4
1,680 Alcohol, B.	4	4	4
66 Can Loc.	10	9	10
6,889 C P R.	7	7	7
475 Cockshutt	10	9	9
2,580 Smelters	61	61	61

STOCKS	High	Low	Last
50 Crown Cork	17	17	17
550 Seagram	15	13	14
836 Dom Brd.	32	31	31
405 Dom Cl. pr. 20	19	19	19
30 Dom Gls.	110	110	110
8,031 Dom S&C B.	14	14	14
2,105 Dom Tar.	9	8	9
15 Dom Tar pf. 83	83	83	83
265 Dom Tex.	69	68	69
25 Dryden	7	7	7
210 Electrx	15	14	14
568 Stl Wires	16	15	16
30 Gdayear pf.	56	55	56
950 Gattineau	9	9	9
533 Gattineau pf. 81	79	81	79
991 Gypsum	7	7	7
30 H Bridge.	8	8	8
10 H Bridge pf. 13	13	13	13
1,540 Hingr.	13	13	13
160 How Smith.	15	15	15
10 H Smith pf. 98	98	98	98
4,349 Imp Oil.	19	18	18
4,710 Imp Tob.	14	14	14
210 Imp Tob pf. 74	74	74	74
250 Ind Acep.	28	28	28
145 Int Brze pf. 27	26	27	27
8,959 Nickel	51	49	50
1,441 Int Pet.	30	29	30
117 Int Fw pf. 77	77	77	77

### STOCK EXCHANGE STOCKS

Sales.	High	Low	Last
10 Lake Wds.	15	15	15
400 Lang	13	12	13
655 Lake Sulph	12	12	12
1,080 Massey	7	7	7
2,837 McCall	12	11	12
2,907 Mtl Pow.	31	29	30
101 Mtl Tel.	61	61	61
85 Mtl Tram.	81	81	81
1,297 N Brew.	41	40	41
50 N Brew pf.	40	40	40
960 N Stl Car.	38	37	37
2,420 Noranda	60	59	59
30 N S Stl pf. 14	14	14	14
30 N S Stl pf. 235	235	235	235
5 Pennana pf. 123	123	123	123
86 Ott Pow.	85	85	85
25 Ott Pow pf. 101	101	101	101
51 Ott El Ry.	35	35	35
1,059 Ogilvie new	30	29	30
5 Ott Pow.	85	85	85
25 Ott Pow pf. 101	101	101	101
51 Ott El Ry.	35	35	35
1,550 Penman pf. 123	123	123	123
122 Pow Debs.	50	50	50
1,731 Price	15	14	15
60 Price pf.	49	49	49
190 Que Pow.	17	17	17
130 Regent	9	9	9
170 Stl Corp.	4	4	4
320 Stl Cp. pf. 15	15	15	15
100 Stl Pw pf. 40	40	40	40
2,045 Shawing	20	19	20
180 Sherwin	16	15	16
365 Simon	13	13	13
65 S Can Pow	13	13	13
637 Steel	64	62	64
85 Steel pf.	60	60	60
20 Tooke	3	3	3
15 Tuckett pf. 149	149	149	149
295 Ut Steel.	5	5	5
91 W Groc.	65	65	65
5 Wind H pf.	7	7	7
522 Wpg El. A.	2	2	2
55 Wpg El. B.	2	2	2
20 Wpg El pf. 14	14	14	14
75 Canada	59	59	59
31 Can Nat.	160	160	160
339 Con	177	173	173
222 Mtl	208	205	208
133 Scotia	304	298	304
274 Royal	191	189	191

### CURB MARKET STOCKS

Sales.	High	Low	Last
4,800 Abitibi	2	2	2
1,625 Abit 8% pf. 184	17	17	17
404 Asbes	59	56	57
651 Beuharn.	5	5	5
1,365 Ba Oil	21	20	21
134 B C Pack.	10	10	10
25 Can Bud	8	8	8
74 Can Sug.	67	67	67
35 Can Malt.	35	35	35
80 C N Pw pf. 105	105	105	105
5 C Vin	17	17	17
15 C Dredge	33	33	33
650 Can Brew.	15	15	15
100 Can Br pf. 16	16	16	16
40 Can Lght.	14	14	14
100 Can Marc.	135	135	135
75 C P & P Inv	2	2	2
330 Can Vick.	7	6	6
30 Can Vick pf. 25	24	24	24
100 Cl Neon	25	25	25
400 Com Al.	150	140	150
350 Com Al pf.	4	4	4
5,137 Cons Pwp.	6	6	6
5 David	5	5	5
45 Dom Eng.	39	37	38
3,345 Dom Store.	6	6	6
1,865 Donn	6	6	6
200 Donn, B.	5	5	5
15 E Koof pf. 11	11	11	11
125 Fairchild	5	5	5
105 Fleet Alrcr.	7	7	7
600 Ford A.	18	17	17
35 Fraser vi.	15	15	15
2,136 Fraser vi.	17	16	16
135 Fremant	38	38	38
25 Gt Stl w pf. 70	70	70	70
50 Intercity	23	23	23
140 I Paint	4	4	4
2 I Paint pf. 11	11	11	11
10 Int Ut.	8	8	8
500 Int B.	90	80	80
25 L St John.	30	30	30
10 Loblaw	23	23	23
80 Massey pf.	49	49	49
56 McCall pf.	88	86	87
124 Melch pf.	6	6	6
22 Mitchell	14	14	14
10 Mtl Int Pow.	100	100	100
5 N Light pf. 105	105	105	105
35 Page Her.	93	93	93
90 Pow Cor pf. 94	94	94	94

### O'BRIEN and WILLIAMS

Established 1912  
Members Montreal Stock Exchange  
Members Montreal Curb Market  
Members New York Curb (Associate)  
Private wire connections—New York and Toronto  
Transportation Bldg. P. O. Box 2350  
Montreal, Quebec Phone Harbour 7211

### CURB MARKET STOCKS

Sales.	High	Low	Last
680 Royalite	46	44	45
75 S Bridge	11	11	11
47 S Can P pf. 106	104	104	104
500 Unit Dist.	115	100	115
215 Walk Brew	160	150	160
620 Walkers	44	40	40
250 Walkers pf.	18	18	18
8,600 Aldermac	61	55	56
8,500 Alex	02	02	02
600 Antifish	20	20	20
4180 Beaufor	25	24	25
1,500 Bldg Klrk	30	30	30
800 Big Miss	50	45	45
2,100 Bous Cad.	10	09	09
8,860 Brownlee	06	06	06
1,845 Bulolo	30	27	29
600 Can Mal.	112	105	110
19,500 Cap Rouyn	09	08	08
5,500 Cart Mal.	08	07	07
63,250 Cent Cad.	43	38	39
2,250 Eldorado	24	23	23
3,500 Cent Pat.	23	22	22
100 Coniaurum	165	165	165
4,000 Cons Chib.	30	29	30
1,315 Dome xd.	57	55	57
2,500 Duparg	06	05	05
48,925 East Ma.	145	130	142
2,250 Eldorado	24	23	23
175 Fal Nickel	625	625	625
7,600 Francour.	45	40	45
1,000 Gr Bous	06	06	06
425 H B Min.	26	26	26
4,000 Im Cons	14	13	14
400 Kirk G Rd.	20	20	20
1,000 Kirk Lake	140	132	140
1,183 Lk Shore	54	52	53
300 Lamaque	03	03	03

### CURB MARKET MINING STOCKS

MINING STOCKS			
Sales.	High.	Low.	Last
1,100 Lebel	.14	.14	.14
2,000 Lee	.02	.02	.02
2,200 Macassa	5.20	5.00	5.05
27,000 McEwen	4.25	4.25	4.25
1,500 Montague	.19	.19	.19
100 Murphy	.02	.02	.02
1,000 Newbec	.04	.04	.04
100 Normetal	1.03	1.03	1.03
21,000 O'Brien	1.25	1.25	1.25
4,700 Pamour	4.05	3.85	3.95
7,400 Pandora	.46	.42	.42
6,900 Pato	2.70	2.60	2.85
5,425 Potosi	2.53	2.20	2.20
200 Perron	1.22	1.15	1.20
980 Pick Car	1.35	1.35	1.35
100 Pioneer	3.15	3.15	3.15
505 Place Dev.	16	16	16
100 Premier	1.85	1.85	1.85
100 Que Gold	.65	.65	.65
7,700 Read	4.40	4.20	4.35
6,450 Red Crest	.31	.31	.31
3,300 Reward	.06	.06	.06
7,300 Shawkey	.25	.21	.25
200 Sherritt	1.75	1.51	1.51
15,130 Siacoe	1.75	1.75	1.75
15,600 Sladen	1.05	.95	1.00
218,675 Stada	.32	.22	.26
1,500 Sullivan	1.10	1.02	1.05
800 Sylvanite	3.20	3.15	3.15
550 T & H	5.75	5.50	5.50
93,398 Thom Cad.	.28	.20	.20
50,025 Wood Cad.	.40	.36	.40
900 Wt Hark.	7.90	7.75	7.75
OIL STOCKS			
800 C & E	2.35	2.82	2.85
150 D Oil	.65	.61	.65
2,095 Home	1.36	1.30	1.30
1,210 H. H.	2.20	2.20	2.20
500 Pacalta			



ably to be made by the liquidator, is regarded as likely in financial circles in Toronto following the rejection by the courts of proposed sale of the assets.

The new reorganization scheme would be drafted in such a way as to meet with the approval of all the stockholders, it was said.

The next logical step, as outlined by those in close touch with the Abitibi situation, will be for somebody, probably the liquidator, to work out a new plan of reorganization, and then call groups of holders of each class of security and obtain their approval.

In dismissing the motion for sale, Justice McTague remarked that he was not entirely convinced that a plan more fair to the bondholders could not be worked out. The stand of the opposition, he added,

#### DOMINION BOND PRICES AND YIELDS (Based on Opening Bid Prices)

	Long Term	Short Term	Average	Long Term	Short Term	Average
Jan. 10	103.96	101.22	103.51	3.24	1.52	2.55
Jan. 11	104.11	101.22	103.57	3.22	1.52	2.55
Jan. 12	104.26	101.22	103.65	3.21	1.52	2.54
Jan. 13	104.26	101.22	103.66	3.21	1.52	2.54
Jan. 14	104.13	101.22	103.60	3.22	1.52	2.54
Jan. 15	104.13	101.22	103.61	3.22	1.52	2.54
Jan. 16	104.13	101.22	103.61	3.22	1.52	2.54
Jan. 17	104.13	101.22	103.61	3.22	1.52	2.54
Jan. 18	104.13	101.22	103.61	3.22	1.52	2.54
Jan. 19	104.13	101.22	103.62	3.22	1.52	2.54
Jan. 20	104.16	101.44	103.78	3.21	1.37	2.48
Jan. 21	104.15	101.44	103.78	3.21	1.37	2.48
Jan. 22	104.19	101.44	103.79	3.21	1.37	2.48

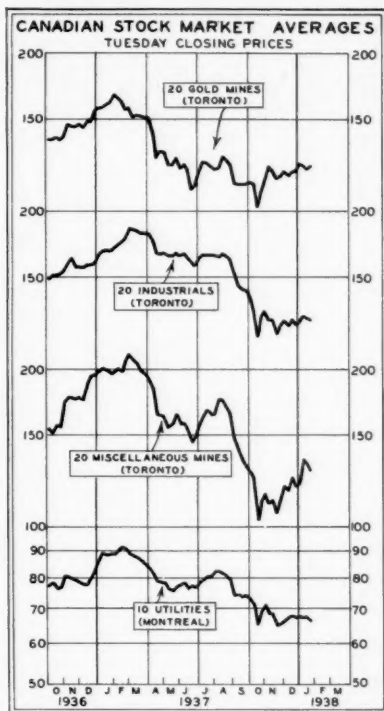
Source—A. E. Ames & Co.

was justified; and that left the way open for those who opposed the bondholders' plan to work out a new scheme of their own and present it to the various classes of security holders.

It was stated there need not be approval of all groups before a plan could be submitted under the Dominion Companies Credit Arrangement Act. Negotiations last year, spread over many months, failed to produce such a situation.

The proposal rejected by Justice McTague was for the sale of the Abitibi assets, covered by a \$50,000,000 mortgage bond, to a company that was to be formed

for the purpose. The proposal was sponsored by Joseph P. Ripley of New York, chairman of the bondholders representative committee. Subsequently, an application was made on behalf of the committee



for leave to appeal from Justice McTague's decision.

**Bank of Canada**—A profit of \$2,268,596, after provision for contingencies and reserves, was shown in the annual statement of the bank for the calendar year 1937. Profit in 1936 was \$2,008,124.

Dividends at the rate of 4½ per cent on the bank's \$10,100,000 capital stock took

\$454,500 leaving a balance of \$1,814,096. Under the Bank of Canada Act this balance is transferred, one-third to the rest fund, or special reserve built up against capital stock liability, and two-thirds to the consolidation-revenue fund of the Dominion Treasury. The rest fund now amounts to \$1,348,414.

Major items in the balance sheet, with the 1936 figures in parentheses, follow:

Reserve (at market value) in gold, silver and foreign exchange, \$197,641,578 (\$190,759,348); investments, \$186,120,876 (\$160,315,415); capital stock, \$10,100,000 (unchanged); notes in circulation, \$164,-

#### Montreal Stock Exchange

##### DAILY CLOSING AVERAGES

	10 Utilities	20 Industrials	30 Combined
Jan. 19	66.7	79.1	75.0
Jan. 20	67.0	79.3	75.2
Jan. 21	68.8	78.7	74.9
Jan. 22	67.1	79.4	75.3
Jan. 24	67.4	79.7	75.1
Jan. 25	66.4	79.0	74.8

##### SHARES SOLD

	Jan. 22, 1938	Jan. 23, 1937
Monday	158,000	440,000
Tuesday	192,000	366,000
Wednesday	150,000	386,000
Thursday	167,000	361,000
Friday	91,000	225,000
Saturday	55,000	
Total	823,000	2,154,000

330,405 (\$135,735,458); deposits by Dominion Government and banks, \$211,789,054 (\$208,950,741); total assets, \$390,430,216 (\$356,985,905).

**Bank of Nova Scotia**—Deposits and total assets of the bank, at the end of 1937, amounted to \$242,417,184 and \$299,479,702, respectively, the highest year-end figures in the history of the bank, according to the annual statement. The rise of deposits in the year was almost \$4,000,000 and the gain of assets was \$2,520,435.

Profits of the bank for the year making full provision for bad and doubtful debts, amounted to \$1,982,140, an increase of \$55,454 over the amount reported for

1936. After payment of dividends of \$1,440,000, crediting officers' pension fund with \$180,000 and applying \$250,000 to the writing off of premises, the undivided profits of the bank were increased from \$803,316 at the end of 1936 to \$915,456 at the end of last year.

Readily available assets, according to the report, amounted to \$184,881,436,

#### Toronto Stock Exchange

##### DAILY CLOSING AVERAGES

	20 Industrials	20 Golds	20 Misc. Mines
Jan. 19	124.6	120.2	130.7
Jan. 20	125.6	121.9	132.1
Jan. 21	125.4	121.7	130.9
Jan. 22	125.4	121.8	130.0
Jan. 24	125.0	121.4	129.2
Jan. 25	124.0	121.7	127.8

##### SHARES SOLD

	Week Ended Jan. 22, 1938	Jan. 23, 1937
Monday	618,000	2,210,000
Tuesday	651,000	2,672,000
Wednesday	710,000	3,023,000
Thursday	944,000	2,930,000
Friday	879,000	2,670,000
Saturday	385,000	1,674,000
Total	3,830,000	15,179,000

equal to 70.3 per cent of liabilities to the public, compared with a ratio of 71 per cent in 1936. Investments in Dominion and Provincial securities, municipal, railway and other bonds and securities, all shown at not in excess of market value, were \$121,689,039, an increase of \$3,867,950 in the year.

## J. E. GRASETT & CO.

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THE TORONTO STOCK EXCHANGE

UNLISTED DEPARTMENT

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Waverley 4781

Branch: 2322 Dundas Street West. Junction 1167

Week Ended

Transactions on the Toronto Stock Exchange

Saturday, Jan. 22

## CANADIAN STOCKS

INQUIRIES INVITED

## A. E. AMES & CO.

INCORPORATED  
120 BROADWAY, NEW YORK

#### STOCK EXCHANGE STOCKS

Sales.	High.	Low.	Last.
680 Abitibi	2.25	1.95	1.95
1,145 Abitibi pf.	18 1/2	17 1/2	17 1/2
4,400 Acme Gas.	0.94	0.90	0.90
1,000 Afton	0.94	0.92	0.92
1,650 Ajax O.G.	23	22 1/2	22 1/2
3,425 A.P. Cons.	33	32	32
23,450 Aldermar	61	54	55
3,000 Alexandria	0.94	0.92	0.92
261,300 Am Gold	24	20	23
1,800 Anglo Cdn.	1.47	1.40	1.45
4,400 Anglo Hur.	3.95	3.60	3.60
4,500 Antfield	23 1/2	22	22
15,234 Ashley	10	07	09
6,600 Astoria	0.04	0.03	0.03
122,950 Augusta	40	34	36
20 Bank Can.	59 1/2	59	59
10,850 Bagamack	23 1/2	22	22
20 Bank Mont	205	205	205
13,518 Bankfield	67	62	65
3 Bk of N 8300	300	300	300
18 Bank Tr.	247 1/2	246	247 1/2
5 Barkers	40	40	40
23,200 Base Mts.	37 1/2	35	34
40 Bath P. A.	10 1/2	10 1/2	10 1/2
8,050 Beattie G.	1.40	1.30	1.40
62 Betty 2d pf	105	101	101
190 Beauharn	5 1/2	4 1/2	5 1/2
318 Bell Phone	166	164 1/2	165 1/2
48,228 Bidgood K.	33	28 1/2	30
3,150 Big Missou	48	48	48
40 Blue Rib pf.	16	14 1/2	16
19,200 Bobjo	11	10	11
880 Bralorne	9.00	8.90	9.00
4,601 Brazil Tr.	12 1/2	11 1/2	11 1/2
1,035 Brewster	21 1/2	20 1/2	20 1/2
2,922 B. A. Oil	21 1/2	20 1/2	20 1/2
15 B C P. Pow	33 1/2	33 1/2	33 1/2
87,400 Brown Oil	58	41	46
7,026 Buff Ank.	16	14 1/2	16
35,700 Buff Cdn.	0.04	0.03 1/2	0.04 1/2
125 Buff Prod	51	51	51
99,790 Bunk Hill	0.21 1/2	0.20	0.21
80 Burling	13	12 1/2	13
170 Burt N.	21 1/2	21 1/2	21 1/2
5,275 Caig & Ed.	3.10	2.80	2.86
12,400 Calmont	60	51	55
15 Can Brd A	92	92	92
345 Can Cem	12 1/2	12	12
43 Can C. pf.	108 1/2	107 1/2	107 1/2
70 Can P. P.	20	19 1/2	19 1/2
5 Can Pack	70	70	70
20 Can Per M	150	147	148
328 Can Steam	3 1/2	3 1/2	3 1/2
80 Can Stm pf	11 1/2	10 1/2	11 1/2
60 Can Wire B	20	20	20
720 Cdn Brew.	1.60	1.40	1.60
37 Cdn Rb pf.	16 1/2	16 1/2	16 1/2
211 Cdn Bk	177	173	173
272 Cdn Bk	5	4 1/2	4 1/2
160 Cdn Can A	17 1/2	17 1/2	17 1/2

#### STOCK EXCHANGE STOCKS

Sales.	High.	Low.	Last.
1,175 Cdn Can B	8 1/2	8	8 1/2
835 Cdn Car	11 1/2	11	11
175 Cdn Car pf	22	21 1/2	22
5 Cdn Dredge	33	33	33
1,240 Cdn I A I	4 1/2	4	4
25 CdnInd A B	4	4	4
9,800 Cdn Malar.	1.13	1.06	1.07
4,335 Cdn Oil	12 1/2	12 1/2	12 1/2
3,727 C P R	8	7 1/2	7 1/2
175 Cdn Wine	2 1/2	2 1/2	2 1/2
950 Cariboo	1.87	1.80	1.85
3,165 Cent Pte	2.30	2.15	2.20
27,970 Cent Pte	2.30	2.15	2.20
10,200 Cent Porc.	13	11	13
16,450 Chromi	62 1/2	59	60
2,700 Com Pete	37	37	37
525 Cockatoo	1.07	0.94	0.94
2,760 Conaurum	1.80	1.65	1.74
20 Con Bk	15	15	15
4,190 Con Chib'g	30	26	28
2,394 Con Smeit.	63 1/2	61	61 1/2
82 Con Gas	197	194	194
205 Crow's N C	34	33	33
7,300 Darkwater	15	12 1/2	13
10,741 DaviesPete	49	44	48
1,440 Dist Seag.	15 1/2	13 1/2	14 1/2
717 Dist Seag.	71 1/2	71 1/2	71 1/2
7,873 Dome	57 1/2	55 1/2	57
52,300 Denison N.	46	39	40
39 Dom Bank	203	200	200
245 Dom C pf.	20	19 1/2	19 1/2
1,500 Dom Exk.	0.04	0.04	0.04
85 Dow Fdy	32	30	30
30 Dom S I pf	31	31	31
3,244 Dom S I B	15 1/2	14 1/2	15
17,520 Dom Stores	5 1/2	5 1/2	5 1/2
150 Dom Tar.	9	8 1/2	8 1/2
40 Dom T pf	84	83 1/2	84
23,800 Dorval Sls	19	15 1/2	17
8,000 E Cres	13	12	12
85,525 E Malar	1.30	1.12	1.12
50 Easy Wash	4 1/2	4 1/2	4 1/2
28,545 Eldorado	2.7	2.30	2.45
5 Eng El A	32	32	32
2,541 Falconberg	6.60	6.15	6.50
1,852 Fanny Far.	21 1/2	20 1/2	21
30,600 Fed Kirk	12	11	11 1/2
10,105 Firstone P.	22	19	19
5,000 Fontana	16	13	13 1/2
1,551 Ford A	18 1/2	17 1/2	17 1/2
4,500 Found Pete	18 1/2	17 1/2	17 1/2
8,035 Francoeur	45	40	45
457 Gattineau P	9 1/2	9	9 1/2
221 Gatin P. pf.	81	79 1/2	80 1/2
815 Gen S W.	8 1/2	7 1/2	7 1/2
150,780 Gillies L. K	21	19	19
7,900 Glenora	0.04 1/2	0.04 1/2	0.04 1/2
14,945 Gies's Lake	60	55	59
4,500 Goldale	21	20	21

#### STOCK EXCHANGE STOCKS

STOCKS			
Sales.		High.	Low.
2,500 Gold Belt	.38	35	38
10,700 Gold Eagle	.32	30	30
58,700 Goodfish	.11 1/2	10 1/2	10
115 Goodyear	71 1/2	68	68
47 Goodyr pf.	55 1/2	55	55
3,600 GranBousq	.06 1/2	.06 1/2	.06 1/2
2,700 Granada	.06	.05 1/2	.05 1/2
2,500 Grandoro	.08	.08	.08
160 Gr Lake P.	11 1/2	10	10
124 GLak P pf	32	30 1/2	31
27 Gr West	2 1/2	2 1/2	2 1/2
10 Green Wire	11	11	11
500 Grull Whisk	.08	.08	.08
13,885 Gunnar	.83	.80	81
1,295 Gypsum	8	7 1/2	7 1/2
500 Halc'w S.	.02	.02	.02
211 Har Carpet	3 1/2	3 1/2	3 1/2
42,760 Hard Rock	1.35	1.29	1.27
34,300 Harker	13	11 1/2	12 1/2
1,250 Highwood	18 1/2	18	18
40 H. Dauch	16 1/2	16 1/2	16 1/2
4,335 Hollinger	13 1/2	13 1/2	13 1/2
3,035 Home Oil	1.38	1.30	1.30
2,400 Homestead	29	27	27
17,102 Howe	32	30	32
10 Hunts A	10	10	10
15 HurtsErie	.65 1/2	.66	.66
3 Int Mill pf	100	100	100
14 Imp. Bank	209	209	209
5,497 Imp Oil	19	18 1/2	18 1/2
480 Int Tob ord	14 1/4	14	14 1/4
5 Int Mill pf.	100	100	100
125 Int Mng	10 1/2	10 1/2	10 1/2
211 Little	10 1/2	10 1/2	10 1/2
3,781 Int Pete	30 1/2	30	30
40 Int Util A.	8 1/4	8	8
100 Int Util B.	85	85	85
3,500 Jack Waite	48	44	44
4,844 Lake Sulph	12 1/2	12	12 1/2
195,800 Jellicoe	.57	.58	.58
9,400 J M Cons.	.14 1/2	.13	.14
50 Kelvinator	.14 1/2	.13 1/4	.14
5 Kelvina pf.	106	106	106
26,685 Kell Hult	1.92	1.82	1.85
16,125 Kell Hult	1.91	1.84	1.87
46,825 Kirk Lake	1.30	1.30	1.43
15,509 Laguna	.32	.30	31
340 Lake Sulph	12 1/2	12	12 1/2
27,290 Lake Shore	54 1/4	52 1/4	54
21,500 Lake Shore	54 1/4	52 1/4	54
15 Lang & Son	12 1/2	12 1/2	12 1/2
44,125 Lapa Cad.	.47	.41	.46
25 Laura Sec.	63	62 1/2	62 1/2
11,075 Lapa Cav.	1.07	1.05	1.07
70,000 Latta	1.04	1.04	1.04
31,100 Little	.96	.88	93
3,725 Little L L 5.50	5.40	5.40	5.40
1,014 Loblaw A	23	22 1/2	22 1/2
70,000 Lofco	29	29	29
8,380 LoweryPete	17	10	15
12,281 Macassa	5.20	4.90	5.00
42,810 Madson RL	42	31	42
10,130 McCL'hutt	1.40	1.30	1.37
10,130 McCL'hutt	1.40	1.30	1.37
16,875 Mac&East	.03 1/2	.02 1/2	.03
18,675 Mac&East	.03 1/2	.02 1/2	.03
120 MLeaF pf	.61 1/2	.6	.6 1/2
415 MLeaF Mill	2 1/2	2 1/2	2 1/2
8 M L M pf	4	4	4
1,830 M L M pf	4	4	4
271 Mary's H pf	47 1/2	47 1/2	47 1/2
2,389 McCol	12 1/2	11	12 1/2
93 McCol pf.	88 1/2	86 1/2	86 1/2







der the National Bituminous Coal Act, contended in a brief filed Jan. 18 with the commission that the proposed recapitalization was at least \$10,000,000 in excess of the \$52,000,000 true value of the road as found by the commission's board of valuation.

**Chicago, Indianapolis & Louisville (6-4-37)**—A plan for the reorganization of the Chicago, Indianapolis & Louisville Railway (Monon) which finds the stock of the railroad valueless and asks the Interstate Commerce Commission to condition further control of the line by the Southern Railway and the Louisville & Nashville on their supplying funds for a necessary program of improvements, has been made public by the I. C. C.

Filed by the protective committee for the road's refunding mortgage gold bonds due on July 1, 1947, of which Alfred H. Meyers is chairman, the plan held valueless the 4 per cent preferred stock, the common stock, the interest of creditors holding certain secured promissory notes aggregating \$750,000 and the claims of unsecured creditors.

**Erie Railroad (1-21-38)**—Federal Judge West, in Cleveland, has approved as properly filed the voluntary petition of the company for authority to reorganize under Section 77 of the bankruptcy act and fixed Feb. 14, 1938, as the date for the hearing on appointment of one or more trustees. The petition disclosed that the road would fall short by \$8,465,272 of the amount required to meet maturities, interest and operating expenses to March 1, 1938.

The Erie Railroad's action places in jeopardy a \$45,000,000 investment by the Chesapeake & Ohio Railroad for 55.6 per cent of the company's stock, it was pointed out in Wall Street.

A report made by the C. & O. to the Securities and Exchange Commission, which disclosed facts not contained in its report to stockholders, showed that \$1,500,000 lent on notes to the Pittston Company, which was formed to segregate the Erie's coal properties, were not paid when they matured on March 1 last. The report to the SEC shows also that the C. & O. invested \$7,687,300 in 381,250 shares of Pittston Company stock.

The report to the SEC does not give effect to stock of the Erie bought recently from the Allegheny Corporation for \$13.25 a share. It does show, however, holdings of 769,800 shares of Erie common stock, bought for \$32,267,915; 151,405 shares of Erie first preferred, bought for \$7,028,914, and 60,195 shares of Erie second preferred stock, bought for \$2,679,715.

The \$1,500,000 loan to the Pittston Company, represented by 5 per cent notes, is considered a good investment by the C. & O. management, according to the report.

**Southern Railway (1-7-38)**—The road desires to substitute common stock of no par value for its present \$100 par value shares, because recent values have made the designated par value "misleading," according to a letter written to the Interstate Commerce Commission by S. R. Prince, general counsel of the railroad, on file with the commission.

The letter was written in answer to a request by Oliver E. Sweet, director of the commission's bureau of finance, for amplification of the Southern's application to substitute 1,298,200 shares of no par value common for its present \$100 par common.

Mr. Prince also stated that the \$100 par value of common might be confusing if the railroad should carry out plans to create a bond issue convertible into common stock. He said:

"It would be preferable for the credit of the company and the marketability of the bonds to have the stock without nominal value, rather than having a par value and a conversion price at a discount therefrom."

#### UTILITIES

**American and Foreign Power (11-13-36)**—See item under Electric Bond and Share.

**American Water Works and Electric (9-17-37)**—The SEC has issued an order making effective a declaration by the company covering the issue and sale in connection with a bank credit of \$6,000,000 of its 3½ per cent promissory notes, of which \$3,000,000 are to be dated on or before Jan. 26 and \$3,000,000 on or before July 15.

The company, which recently obtained approval of the SEC for a voluntary plan to simplify its corporate structure, desired to maintain the credit pending permanent financing of additional improvements to the properties of its subsidiaries. The commission reserved jurisdiction to revoke, not later than June 15, its order in respect to the \$3,000,000 of notes to be dated July 15.

**Consumers Power Company (1-7-38)**—Public offering has been made by a banking group headed by Morgan Stanley & Co., Inc., and Bonbright & Co., Inc., of a new issue of \$9,000,000 of Consumers Power Company first mortgage 3½ per cent bonds due on Nov. 1, 1967. The bonds were priced at 102 and accrued interest to yield 3.39253 per cent to maturity. It was "new money" borrowing of the type widely discussed as essential to national economic recovery.

Proceeds from the sale, estimated at \$8,908,355, after deducting expenses and exclusive of accrued interest, will be used by the company to pay for or to reimburse its treasury in part for net property additions.

**Detroit Edison Company (2-5-37)**—Coinciding with the 1937 annual report of the company, Harry A. Snow, controller, announced that an \$18,000,000 construction and replacement program, the largest since the depression of the last decade, would be undertaken this year.

**Electric Bond and Share (11-12-37)**—Gross income of the company last year rose 14 per cent over 1936, and the surplus available for common dividends was equivalent to 42 cents a share, against 17 cents in the year before. Expenses other than taxes fell 10 per cent and taxes rose 23 per cent. Total expenses accordingly rose 14 per cent, from \$1,761,671 to \$2,010,939.

Current assets on Dec. 31 last were \$18,661,698, rising \$4,050,795 over the year before. C. E. Groesbeck, chairman, and S. R. Inch, president, explained in the report that this gain was due principally to receipt of \$421,500 investment bonds redeemed, to \$2,208,216 surplus income and to receipt of \$1,000,000 from the American and Foreign Power Company, reducing its notes to \$40,700,000.

**Public Service Electric and Gas (10-29-37)**—The company has filed a registration statement under the Securities Act of 1933 covering \$9,201,100 of 8 per cent first and refunding bonds due in 2037 to be used in exchange on a par-for-par basis for the outstanding capital stock of the South Jersey Gas, Electric and Traction Company, the Essex and Hudson Gas Company and the Hudson County Gas Company.

The company also registered \$5,454,100 of 5 per cent first and refunding mortgage bonds due in 2037 to be used in exchange for the outstanding capital stock of the Paterson and Passaic Gas and Electric Company, the Gas and Electric Company of Bergen County, the New Brunswick Light, Heat and Power Company and the Newark Consolidated Gas Company. Both issues are under a plan to merge the above companies into the registrant. No underwriter was named.

**Utilities Power and Light (1-14-38)**—On behalf of certain independent holders of debentures of the company, a new plan for reorganization of the utility has been submitted to the SEC, according to an announcement by Robert N. Golding, counsel for a group of debenture holders.

Mr. Golding said the latest plan differed from the one submitted recently in behalf of the Atlas Corporation in that it provided for actual reorganization rather than "a liquidation of the company."

Under the terms of the plan proffered by Mr. Golding, it is proposed to dispose of all of the company's non-utility assets and to trade or sell various other operating properties of the system to create an integrated system operating in a contiguous territory.

The plan also calls for the acquisition of certain properties to attain this end.

#### MISCELLANEOUS

**New Rules on Short Selling**—Taking the initiative to prevent speculative short selling of securities on the Stock Exchanges in a declining market, the Securities and Exchange Commission has ruled that beginning Feb. 8 no person, for his own account or for the account of a customer, shall effect a short sale of any security on the Exchanges at or below the price at which the last sale of the same security was effected. Some exceptions were provided, the most important being odd-lot transactions.

Under the rule, the short-seller would have to make his offer to sell at a price above the market price, where the chances of execution would be negligible. The term short sale was defined by the commission as any sale of a security which the seller does not own, or which is consummated by the delivery of a security borrowed by or for the account of the seller.

The regulation is the first floor trading rule to be made the subject of a commission decree, those now in force on the New York Stock and other Exchanges having been adopted voluntarily by the Exchanges after consultation with the commission.

**New York Curb Exchange**—The SEC has granted applications by the New York Curb Exchange for unlisted trading privileges in twelve bond or debenture issues and denied similar applications seeking the same privileges in seven others.

It was the first major ruling by the commission in the move made by the Curb Exchange to obtain rights to trade in securities of this type which are now dealt in only over the counter.

**Over-the-Counter**—A bill calling for self-regulation of the over-the-counter market under supervision of the Securities and Exchange Commission, which has the backing of the administration, was introduced in the Senate last week by Senator Maloney of Connecticut and will be pressed for passage in the present session of Congress.

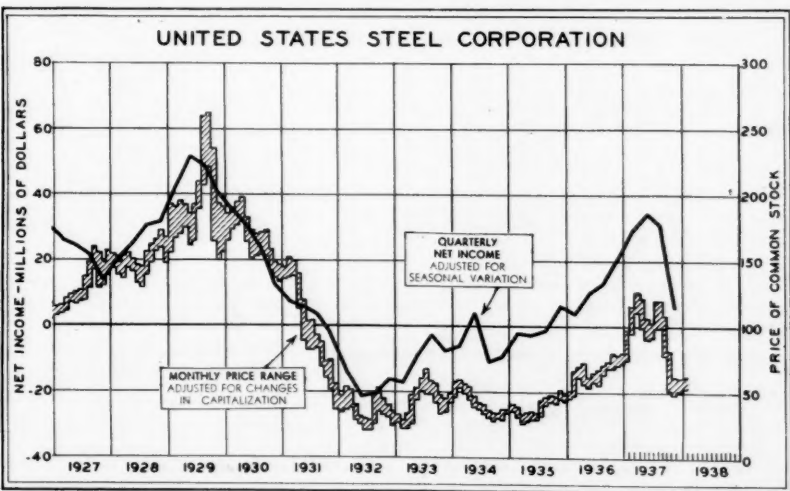
Briefly, the program provides for registration with the SEC of a nation-wide association of brokers and dealers in the over-the-counter market and of affiliates of the central organization in various sections of the country. Membership in the national association or an affiliate would be voluntary; safeguards would be set up to assure that no broker or dealer was excluded or

## U. S. Steel's Income Highest Since 1930, Despite Sharp Fourth Quarter Drop

**N**ET income of the United States Steel Corporation in the fourth quarter of last year decreased sharply as had been expected because of the perpendicular drop in steel ingot production. Earnings as reported by the company amounted to only \$4,578,000, as compared with \$30,618,000 in the preced-

ing quarter. \$36,174,000 in the second quarter, \$28,562,000 in the first quarter and \$20,651,000 in the corresponding quarter of 1936.

Net income for the final quarter was equivalent to \$1.27 a share earned on 3,602,811 shares of 7 per cent preferred stock before providing \$500,000 surtax on undistributed profits. After such provision, the balance was \$1.13 a share, as compared with quarterly requirements of \$1.75 a share. In the third, second and first quarters of 1937 earnings of \$2.79, \$3.43 and \$2.56 a share, respectively, were reported on the common stock, after preferred dividend requirements but before



ing quarter. \$36,174,000 in the second quarter, \$28,562,000 in the first quarter and \$20,651,000 in the corresponding quarter of 1936.

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The drop in earnings in the fourth quarter was substantially greater than the usual seasonal decrease and, as shown by an accompanying chart, seasonally adjusted earnings stood at the lowest level since the first quarter of 1936. Table I gives earnings for the fourth quarter and for the full year as released by the company. Most of the figures shown are subject to adjustment upon completion of the annual audit.

Regarding recent developments, Myron C. Taylor, chairman of the board, stated in part as follows:

The declining demand for steel products

Continued on Page 188

suspended or dismissed except for misconduct and with the sanction of the SEC.

Brokers and dealers who did not desire to join would remain under direct supervision of the SEC under present laws covering control of over-the-counter activities, and would not be excluded from the use of the mails or the instrumentalities of interstate commerce in carrying on transactions.

The heart of the proposed new legislation is in that part of the bill permitting addition of rules and regulations (with the approval of the SEC) which would give preferential business advantages to members of the registered association and its affiliates. These benefits would have to do with commissions, discounts and other trade practices which would not be accorded by the members to brokers and dealers who did not join.

## CORPORATE NET EARNINGS INDUSTRIALS

Company.	1938.	1937.	1938.	1937.
<b>Chicago Mail Order Co.</b>				
Year, Jan. 1...	\$518,930	\$991,601	\$1.50	\$2.86
<b>Air Associates, Inc.</b>				
Year, Sept. 30.	83,390	65,033	.77	.55
<b>Allied Mills, Inc.</b>				
12 mos., Dec. 31	1,338,155	2,555,239	h1.41	h2.88
<b>American Agricultural Chemical</b>				
6 mos., Dec. 31.	132,647	161,694	.63	.76
<b>American Hide &amp; Leather</b>				
6 mos., Dec. 31.	*179,486	114,212	...	p1.14
<b>Atlas Imperial Diesel Engine Co.</b>				
Year, Nov. 30...	156,524	5,745	.87	.03
<b>Bastian-Blessing Co.</b>				
Year, Nov. 30...	456,180	390,211	2.42	2.04
<b>Belding-Corticeoli, Ltd.</b>				
Year, Nov. 30...	103,612	106,770	5.74	6.16
<b>Bliss &amp; Laughlin, Inc.</b>				
Year, Dec. 31...	659,881	667,583	h3.67	h3.94
<b>Caterpillar Tractor</b>				
n Year, Dec. 31	10,168,689	9,849,592	5.24	5.07
<b>Crocker-Wheeler Electric Mfg. Co.</b>				
Year, Dec. 31...	127,283	59,321	.44	.20
<b>Cunco Press, Inc.</b>				
10 mos., Oct. 31.	736,208	...	3.69	...
<b>Dow Chemical Co.</b>				
6 mos., Nov. 30.	2,381,137	...	2.44	...
<b>Famisc Corp.</b>				
Year, Nov. 30...	35,134	32,866	.18	.16
<b>Ferro Enamel Corp.</b>				
10 mos., Oct. 31	452,800	...	2.38	...
<b>Fox, Peter, Brewing Co.</b>				
6 mos., Dec. 31.	102,224	118,885	h.56	h1.06
<b>Freeport Sulphur Co.</b>				
Dec. 31 quarter	724,382	499,273	.89	.61
n Year, Dec. 31	2,703,742	2,009,784	3.30	2.43
<b>General Tire &amp; Rubber Co.</b>				
Year, Nov. 30...	808,913	1,291,011	h1.25	h2.53
<b>Grand Rapids Varnish Co.</b>				
Year, Dec. 31...	161,796	199,345	1.22	1.50
<b>Great Northern Iron Ore Properties</b>				
Year, Dec. 31...	1,256,428	709,928	.84	.47
<b>Greif Bros. Co.operative Corp.</b>				
Year, Oct. 31...	674,830	602,375	a5.84	a5.34
<b>Heller &amp; Co., Walter E.</b>				
Year, Dec. 31...	476,075	353,327	h1.48	h.09
<b>Howe Sound Co.</b>				
Dec. 31 quarter	652,888	803,320	1.38	1.75
n Year, Dec. 31	4,753,044	2,518,984	10.03	5.32
<b>Kayser &amp; Co., Julius</b>				
Dec. 31 quarter	102,975	251,757	.23	.60
6 mos., Dec. 31.	304,860	477,353	.71	1.13
<b>Keystone Steel &amp; Wire Co.</b>				
Dec. 31 quarter	32,226	153,099	.04	.20
6 mos., Dec. 31.	235,919	378,905	.31	.50
<b>Klein, D. Emil Co., Inc.</b>				
Year, Dec. 31...	190,497	212,353	h1.92	h1.96
<b>Lane Bryant, Inc.</b>				
6 mos., Nov. 30	*21,760	80,344	...	.36
<b>Liggett &amp; Myers Tobacco Co.</b>				
Year, Dec. 31.	21,375,560	24,207,632	6.34	7.25
<b>Madison Square Garden Corp.</b>				
Nov. 30 quarter	147,239	137,448	...	...
6 mos., Nov. 30	*29,851	*56,114	...	...
<b>Marine Midland Corp.</b>				
Year, Dec. 31...	4,055,888	4,361,193	h.71	h.81
<b>Martin-Perry Corp.</b>				
Nov. 30 quarter	21,223	...	.12	...
<b>McIntyre Porcupine Mines, Ltd.</b>				
Dec. 31 quarter	954,519	842,157	1.20	1.06
9 mos., Dec. 31.	2,711,640	2,631,576	3.40	3.30
<b>Mueller Brass Co.</b>				
Year, Nov. 30...	801,891	821,000	3.02	3.09
<b>Naumkeag Steam Cotton Co.</b>				
Year, Nov. 30...	341,868	454,854	6.89	8.83

Continued on Page 190

## LIQUOR WINE BEER LICENSES

NOTICE is hereby given that liquor license #RL7571 has been issued to the undersigned to sell liquor at retail in a restaurant under the Alcoholic Beverage Control Law at 202-204 W. 42d St., New York City, County of New York, for on premises consumption. **GRANT LUNCH CORP.**, 202-204 West 42d St.



## Dividends Declared

## Since Previous Issue of The Annalist

## and Awaiting Payment

Company.	Rate.	Pay- of	Hidrs. Rec'd.	Company.	Rate.	Pay- of	Hidrs. Rec'd.	Company.	Rate.	Pay- of	Hidrs. Rec'd.	Company.	Rate.	Pay- of	Hidrs. Rec'd.									
Alabama Pow \$5 pf. \$1.25	Q	2-2	1-20	Hibbard Spencer Bartlett & Co.	20c	M	3-25	3-25	Miss Val Tr (St. L.)	25c	Q	2-1	1-21	Portland R R Co (Me)	2.50	S	2-1	1-15	U S S&P Sec pr pf \$1.50	Q	2-1	1-21		
Am Book Co.	\$1	Q	1-22	1-18	Home Insur Co.	25c	M	2-1	1-17	Miss Val Tr (St. L.)	25c	Q	2-1	1-21	Public Int L Co.	25c	Q	2-1	1-20	U S Fire Insurance	50c	Q	2-1	1-21
Am Envel 7% pf. \$1.15	Q	3-1	2-15	1-25	Home Insur Co.	25c	M	2-1	1-17	Mitchell (JS) & Co.	\$2	Q	3-1	2-16	Pub Ser Cp N J	65c	Q	3-31	3-1	Universal Ins Co.	25c	Q	3-1	2-15
Am Envel 7% pf. \$1.15	Q	3-1	2-15	1-25	Honoum Sugar Co.	10c	M	2-1	1-21	Monmouth Con Wat	\$7 pf.	Q	2-15	2-1	Pub Ser Cp N J	65c	Q	3-31	3-1	Vand'm-Alloys Stl.	60c	Q	3-2	2-19
Am Envel 7% pf. \$1.15	Q	12-1	11-25	1-25	Horn, Joseph, Co pf \$1.50	Q	2-1	1-21	Moore Drop Forg A	\$1.75	Q	2-15	2-1	Pub Ser Cp N J	65c	Q	3-31	3-1	Wallauk Sugar Co.	10c	Q	2-20	2-15	
Am Factors Ltd.	15c	M	1-10	1-31	Horn (A C) Co 7% non-cum	Q	3-1	2-15	Mor P B(Brdgpt) Cn	.75c	Q	1-15	1-14	Pub Ser Cp N J	65c	Q	3-31	3-1	Walworth W 6% pf. \$1.50	Q	4-2	3-26		
Am Sug Ref Co.	\$1.75	Q	4-2	3-5	Horn (A C) Co 7% non-cum	Q	3-1	2-15	Mor P B(Brdgpt) Cn	.75c	Q	1-15	1-14	Pub Ser Cp N J	65c	Q	3-31	3-1	Walworth W 6% pf. \$1.50	Q	4-2	3-26		
Am Sug Ref Co.	\$1.75	Q	4-2	3-5	Horn (A C) Co 7% non-cum	Q	3-1	2-15	Mor P B(Brdgpt) Cn	.75c	Q	1-15	1-14	Pub Ser Cp N J	65c	Q	3-31	3-1	Walworth W 6% pf. \$1.50	Q	4-2	3-26		
Am Re-Insurance	40c	Q	2-15	1-20	Horn (A C) Co 7% non-cum	Q	3-1	2-15	Mor P B(Brdgpt) Cn	.75c	Q	1-15	1-14	Pub Ser Cp N J	65c	Q	3-31	3-1	Walworth W 6% pf. \$1.50	Q	4-2	3-26		
Amsterdam City Nat Bk	Q	1-31	1-15	1-20	Horn (A C) Co 7% non-cum	Q	3-1	2-15	Mor P B(Brdgpt) Cn	.75c	Q	1-15	1-14	Pub Ser Cp N J	65c	Q	3-31	3-1	Walworth W 6% pf. \$1.50	Q	4-2	3-26		
(Amsterdam, N Y) \$3.50	Q	1-31	1-15	1-20	Horn (A C) Co 7% non-cum	Q	3-1	2-15	Mor P B(Brdgpt) Cn	.75c	Q	1-15	1-14	Pub Ser Cp N J	65c	Q	3-31	3-1	Walworth W 6% pf. \$1.50	Q	4-2	3-26		
Amsterdam City Nat Bk	Q	1-31	1-15	1-20	Horn (A C) Co 7% non-cum	Q	3-1	2-15	Mor P B(Brdgpt) Cn	.75c	Q	1-15	1-14	Pub Ser Cp N J	65c	Q	3-31	3-1	Walworth W 6% pf. \$1.50	Q	4-2	3-26		
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Anglo-Cal Nat Bk (San Francisco)	Q	1-31	1-15	1-20	Horn (A C) Co 7% non-cum	Q	3-1	2-15	Mor P B(Brdgpt) Cn	.75c	Q	1-15	1-14	Pub Ser Cp N J	65c	Q	3-31	3-1	Walworth W 6% pf. \$1.50	Q	4-2	3-26		
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Anglo-Cal Nat Bk (San Francisco)	Q	1-31	1-15	1-20	Horn (A C) Co 7% non-cum	Q	3-1	2-15	Mor P B(Brdgpt) Cn	.75c	Q	1-15	1-14	Pub Ser Cp N J	65c	Q	3-31	3-1	Walworth W 6% pf. \$1.50	Q	4-2	3-26		
Anglo-Cal Nat Bk (San Francisco)	Q	1-31	1-15	1-20	Horn (A C) Co 7% non-cum	Q	3-1	2-15	Mor P B(Brdgpt) Cn	.75c	Q	1-15	1-14	Pub Ser Cp N J	65c	Q	3-31	3-1	Walworth W 6% pf. \$1.50	Q	4-2	3-26		
Anglo-Cal Nat Bk (San Francisco)	Q	1-31	1-15	1-20	Horn (A C) Co 7% non-cum	Q	3-1	2-15	Mor P B(Brdgpt) Cn	.75c	Q	1-15	1-14	Pub Ser Cp N J	65c	Q	3-31	3-1	Walworth W 6% pf. \$1.50	Q	4-2	3-26		
Anglo-Cal Nat Bk (San Francisco)	Q	1-31	1-15	1-20	Horn (A C) Co 7% non-cum	Q	3-1	2-15	Mor P B(Brdgpt) Cn	.75c	Q	1-15	1-14	Pub Ser Cp N J	65c	Q	3-31							



## Business Statistics

## TRANSPORTATION (27)

Week ended	1937	5-Year Average From 1933-37	P. C. Depar- ture
Jan. 15:			
Tot. load's	580,600	586,847	-1.1
Grain & pr.	42,393	29,609	+43.2
Coal&Coke	138,219	150,228	-8.0
Forest pr.	25,871	21,654	+19.5
Manuf. pr.	351,126	364,002	-3.5
Yr. to date:			
Tot. load's	1,132,914	1,100,346	+3.0
Grain & pr.	122,065	53,680	+52.9
Coal&Coke	255,536	286,416	-10.8
Forest pr.	50,097	39,608	+26.5
Manuf. pr.	701,130	681,675	+2.9
Fr't-car sur.			
Dec. 15-30	283,248	381,059	-25.7
P. C. freight cars serv.			
Jan. 1.....	59.2	86.1	+3.6
P. C. locom. ser. Jan. 1	85.5	79.8	+7.1
%Gross rev.			
Yr. to Nov. 30	3,865,748	3,116,469	+24.0
Exp. yr. to Nov. 30	2,996,935	2,428,987	+23.4
Taxes, year to Nov. 30	305,602	246,512	+24.0
Rate of ret'n on invest.:			
Yr. to Nov. 30: "Fair Return"			
East. Dist.	2.79	5.75	-51.5
South. Dist.	2.35	5.75	-59.1
West. Dist.	1.76	5.75	-69.4
U. S. ....	2.31	5.75	-59.8

Revenues and expenses in thousands of dollars.

## AVERAGE DAILY CRUDE OIL PRODUCTION (18)

(Barrels)

(These figures do not include "hot," or illegally produced, oil)

	1937	1936	1935	1934	1933
Texas—					
Panhandle	75,650	73,500			
North	72,300	65,550			
West	200,550	170,700			
E. Cent.	89,100	104,500			
East	492,900	448,800			
S. W.	242,500	186,300			
Coastal	201,400	179,850			

Total	1,350,900	1,406,200	1,261,900		
Oklahoma	566,600	543,650	604,250		
Kansas	179,300	190,100	178,900		
North La.	80,350	76,800			
Coastal La.	238,400	169,800	168,100		
Arkansas	35,200	41,000	27,350		
Eastern	128,000	132,300	112,450		
Michigan	54,100	48,900	29,100		
Wyoming	55,500	51,550	47,550		
Montana	13,100	13,850	16,550		
Colorado	4,300	4,450	3,500		
New Mex.	103,100	107,250	92,900		
California	678,300	716,800	585,800		

Tot. U. S. 3,406,800 3,506,200 3,205,150  
Effective January.

## FAILURES (11)

	Jan. 20, 1937	Year to Date
Manufacturing	29	133
Wholesale	33	76
Retail	225	594
Construction	15	37
Com'l service	10	31
Total U. S.	338	871

Geographical Divisions:

New England	46	17	97
Middle Atlantic	106	59	299
East North Cent.	28	23	116
West North Cent.	74	6	96
South Atlantic	24	18	69
East South Cent.	4	4	45
West South Cent.	12	4	33
Mountain	11	9	45
Pacific	23	23	72

Total U. S. 338 163 871

## PER CENT CHANGES IN ELECTRIC POWER OUTPUT FROM CORRESPONDING WEEKS OF PREVIOUS YEAR (%)

Week ended:	Jan. 22, 1937	Jan. 15, 1937	Dec. 25, 1937
New England	-12.0	-12.1	-4.0
Mid Atlantic	-1.6	-0.7	+2.1
Cent. In Reg.	-12.3	-11.3	-5.0
West Cent.	-0.5	-1.3	+2.1
South States	-6.3	-4.6	-2.8
Rocky Mts.	+2.6	-2.2	-0.5
Pac Coast	-4.1	-3.8	+1.4

Entire U. S. -6.6 -6.6 +0.2

(Adjusted to include holiday in both years. Loss for the entire United States is estimated at 3.4% and 4.7% for the weeks ended Jan. 1 and Jan. 8, respectively.)

## DOMESTIC RAILROAD EQUIPMENT ORDERS (1)

Reported in	1937	1936	1935
Jan. 22, Jan. 15, Jan. 23, 1938, 1937, 1937			
Locomotives	3	3	3
Freight cars	2,500		
Rails (tons)	3,550	1,200	

## STEEL SCRAP PRICES (23)

(Per ton, at Pittsburgh)

Week ended:	Jan. 22, 1937	Jan. 15, 1937	Dec. 25, 1937
Heavy melting, aver.	\$14.25	\$14.25	\$19.25

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## INDICES OF FACTORY EMPLOYMENT BY GROUPS (6)

(Adjusted for seasonal variation by the Federal Reserve Board, 1923-25=100.)

	1936	1935	1934	1933	1932
Iron and Steel	86.4	96.3	100.0	55.0	97.4
Ma- chinery	84.7	95.8	97.0	56.4	95.0
Transportation	84.0	96.8	97.5	58.0	93.4
R.R.	85.8	99.1	99.0	57.0	93.4
Non- Lumber	89.0	102.2	101.3	57.0	94.6
Clay	90.8	103.9	102.2	58.2	95.4
Stone	93.5	105.3	105.1	57.4	97.8
Leather	94.1	105.1	106.7	58.7	101.1
Food	96.8	106.8	106.8	59.1	102.5
Tobacco	98.4	108.4	105.0	60.1	105.2
Paper	98.1	110.2	112.0	60.6	106.7
Chem- icals	101.0	114.0	118.7	61.7	110.7
Text- iles	86.4	96.3	100.0	55.0	97.4
Prod- ucts	84.7	95.8	97.0	56.4	95.0
Prod- ucts	84.0	96.8	97.5	58.0	93.4
Prod- ucts	85.8	99.1	99.0	57.0	93.4
Prod- ucts	89.0	102.2	101.3	57.0	94.6
Prod- ucts	90.8	103.9	102.2	58.2	95.4
Prod- ucts	93.5	105.3	105.1	57.4	97.8
Prod- ucts	94.1	105.1	106.7	58.7	101.1
Prod- ucts	96.8	106.8	106.8	59.1	102.5
Prod- ucts	98.4	108.4	105.0	60.1	105.2
Prod- ucts	98.1	110.2	112.0	60.6	106.7
Prod- ucts	101.0	114.0	118.7	61.7	110.7

## THE ANNALIST INDEX OF BUSINESS ACTIVITY

	Dec.	Nov.	Oct.	Sept.	Aug.	July.	1936
Freight car loadings	78.3	86.2	96.1	99.4	101.7	104.0	101.3
Other	72.7	81.6	103.8	106.0	111.5	114.7	100.5
Miscellaneous	86.6	95.4	92.2	96.1	96.8	98.7	102.9
Electric power production	96.8	95.9	105.2	106.6	108.6	106.9	105.3
Manufacturing	89.5	93.6	114.2	124.3	117.4	126.6	100.0
Steel ingot production	29.6	56.7	80.1	110.9	124.3	114.4	121.7
Pig iron production	56.5	77.7	109.1	135.5	132.7	127.2	121.2
Textiles	81.4	90.1	114.0	125.6	120.3	144.1	100.0
Cotton consumption	94.4	96.3	105.4	131.2	143.9	137.2	151.0
Wool consumption	54.9	55.0	88.0	98.2	82.7	169.6	100.0
Silk consumption	61.7	67.8	68.2	65.2	65.8	88.6	100.0
Rayon consumption	35.7	37.9	60.8	83.2	103.4	112.1	133.5
Boot and shoe production	95.9	103.4	112.7	125.2	129.8	162.4	100.0
Automobile production	93.5	102.7	131.5	129.9	147.2	122.8	115.7
Lumber production	58.7	65.5	75.6	82.8	88.0	95.0	80.7
Cement production	62.5	64.5	70.9	62.8	66.3	63.5	80.3
Mining	87.6	90.7	89.8	89.8	96.7	87.5	80.7
Zinc production	91.8	89.3	94.2	93.9	89.6	93.3	83.9
Lead production	84.2	83.8	81.7	90.3	100.4	94.4	100.0
Combined index	80.9	87.7	98.3	106.4	111.0	108.9	110.5

For monthly figures of the combined index back to January, 1923, see THE ANNALIST of June 26, 1936, page 943.

## PETROLEUM STOCKS AND REFINERY ACTIVITY (18)

	1937	1936	1935	1934	1933
Estimated for Entire Industry (Thousands of barrels of 42 gallons)					
Crude Runs to Still					
Average I. P. C. of Cracked Gasoline	3.220	77.9	725	305,245	73,288
Daily Capacity Operated	3.245	78.6	750	305,448	74,437
Crude Gasoline					
Gasoline	3.220	79.0	750	305,572	77,291
Gasoline	3.210	78.1	720	305,132	79,331
Gasoline	3.240	79.1	745	305,683	80,947
Gasoline	3.220	78.4	720		82,785

Estimated from U. S. Bureau of Mines data. For reporting companies only. Including both finished and unfinished gasoline.

## FOREIGN TRADE (5)

(Thousands of Dollars)

	Dec.	Nov.	Oct.	Sept.	Aug.	July.	1936
Exports	10,552	30,084	99				
Imports	33,033	52,194	57,070				
Merchandise	319,756	314,682	229,800				
Gen'l impts.	208,863	223,226	245,161				
Excess	+110,893	+91,456	-15,361				
Gold							
Exports	17,981	-22,110	-56,971				
Imports	23,151	10,633	2,267				
Excess	-22,915	-10,106	-2,631				

(+) Indicates excess of exports. (-) Indicates excess of imports.

Merchandise exports include re-exports. Merchandise imports consist of all imports, both for consumption and for storage in bonded warehouses.

## AUTOMOBILE PRODUCTION

(Cars and trucks, United States and Canada)

	1937	1936	1935	1934	1933
Jan.	399,634	377,306	300,335		
Feb.	383,698	300,874	350,346		
Mar.	518,977	438,992	447,894		
Apr.	553,415	527,726	477,059		
May	540,357	480,571	381,809		



# NEW YORK TIMES WEEKLY BUSINESS INDEX

	Freight Car Loadings	Steel Mill Power	Electric Prod.	Auto. Prod.	Lumber Prod.	Cotton Prod.	Combined Index
Effective weights.	18	7	25	20	10	10	100
Adjusted weights.	.19	.08	.10	.49	.03	.06	1.00
1937.							
Jan. 2.	93.3	89.0	123.2	103.1	96.0	83.1	103.0
Jan. 9.	96.8	92.2	124.8	107.0	100.6	82.2	105.6
Jan. 16.	95.2	97.1	124.8	107.6	95.8	69.9	105.2
Jan. 23.	92.6	95.3	122.5	107.2	87.1	65.1	103.4
Jan. 30.	94.4	90.6	112.5	105.8	79.0	68.6	101.7
Feb. 6.	93.2	94.3	113.3	105.6	80.8	59.1	101.2
Feb. 13.	95.3	95.5	113.8	105.5	79.0	69.3	104.9
Feb. 20.	99.0	96.9	113.9	106.6	108.7	80.1	107.5
Feb. 27.	100.6	96.4	115.8	109.7	128.5	78.8	106.7
Mar. 6.	98.2	97.5	115.9	107.8	130.3	80.4	106.9
Mar. 13.	101.7	101.1	118.1	107.9	98.1	81.5	106.6
Mar. 20.	98.6	100.4	120.4	108.5	93.7	83.6	106.6
Mar. 27.	100.1	103.3	122.5	106.9	93.3	85.9	105.9
Apr. 3.	102.6	94.0	125.1	105.5	94.1	85.3	106.2
Apr. 10.	100.9	94.3	124.1	107.3	85.5	85.0	106.2
Apr. 17.	103.6	100.6	121.6	106.8	105.7	84.1	107.2
Apr. 24.	103.8	106.5	120.3	106.0	112.2	84.4	107.4
May 1.	99.5	108.1	121.3	107.4	118.6	86.0	108.0
May 8.	100.4	107.9	121.2	106.5	131.3	86.8	108.2
May 15.	102.5	108.1	121.3	106.1	131.8	86.9	107.4
May 22.	104.0	110.7	120.4	106.4	123.2	93.8	109.2
May 29.	101.9	110.1	122.0	106.6	133.6	95.8	109.7
June 5.	99.4	109.9	102.3	108.0	127.1	95.8	107.8
June 12.	98.9	107.6	105.4	107.2	121.8	95.9	107.0
June 19.	99.3	108.2	108.6	106.4	115.0	96.6	107.0
June 26.	98.8	109.0	110.0	106.6	127.3	96.9	107.0
July 3.	100.4	113.1	113.2	106.3	136.2	97.0	107.8
July 10.	103.3	119.4	113.2	107.0	135.1	97.0	109.7
July 17.	97.9	109.9	124.6	109.0	131.7	102.7	110.1
July 24.	98.1	112.6	123.2	106.5	99.7	91.2	107.0
July 31.	97.0	113.1	126.8	106.5	104.9	87.2	107.7
Aug. 7.	97.0	112.1	128.4	106.8	117.8	91.8	108.2
Aug. 14.	97.5	109.9	128.7	108.6	158.7	92.4	110.4
Aug. 21.	97.5	108.5	131.4	108.5	147.5	84.8	109.8
Aug. 28.	95.8	108.8	130.3	108.4	155.2	82.9	109.4
Sep. 4.	95.7	106.3	130.4	108.9	157.4	81.8	109.3
Sep. 11.	92.8	104.2	130.7	105.2	159.9	83.4	106.6
Sep. 18.	95.2	106.1	121.9	104.2	108.7	86.1	104.9
Sep. 25.	95.5	106.8	111.3	104.7	133.6	85.0	104.6
Oct. 2.	95.8	107.6	106.8	106.3	139.1	77.8	103.5
Oct. 9.	98.6	102.2	94.3	104.1	136.3	76.1	101.0
Oct. 16.	89.6	100.0	90.1	104.4	157.1	76.9	99.8
Oct. 23.	85.4	97.1	81.3	103.6	139.6	78.3	97.3
Oct. 30.	87.5	97.1	74.6	102.1	115.9	70.9	95.1
Nov. 6.	86.2	97.4	71.0	100.8	102.4	72.4	93.2
Nov. 13.	83.8	97.2	63.2	98.0	93.2	65.7	90.2
Nov. 20.	78.9	95.4	60.2	96.0	92.2	60.0	88.6
Nov. 27.	76.2	92.5	47.7	97.4	77.3	58.7	85.3
Dec. 4.	76.2	90.8	46.1	96.1	91.9	56.8	84.8
Dec. 11.	73.1	97.8	43.0	98.5	89.0	56.5	85.1
Dec. 18.	76.3	93.9	43.6	97.1	91.4	54.4	82.1
Dec. 25.	76.3	90.4	35.9	96.9	89.9	77.1	84.6

# RATE OF OPERATIONS IN THE STEEL INDUSTRY

Week Ended:	U. S. Steel	Dow-Jones	Week Begun:	Amer. Iron & Steel	Week Ended:	N. Y. Steel	As of:	Iron Age	Am. Mkt.
1937.									
Jan. 4.	68	88	79	Dec. 28.	77.0	Jan. 2.	79	79	79
Jan. 11.	69	87	81	Jan. 4.	78.4	Jan. 9.	79	80	80
Jan. 18.	74	87	81	Jan. 11.	78.4	Jan. 16.	79	80	80
Jan. 25.	75	88	82	Jan. 18.	80.6	Jan. 23.	80	81	81
Feb. 1.	74	85	80	Jan. 25.	77.9	Jan. 30.	76	75	75
Feb. 8.	79	88	84	Feb. 1.	79.6	Feb. 6.	79	79	79
Feb. 15.	79	89	85	Feb. 8.	80.6	Feb. 13.	81	81	81
Feb. 22.	82	89	86	Feb. 15.	81.6	Feb. 20.	83	84	84
Mar. 1.	81	88	85	Feb. 22.	82.5	Feb. 27.	84	85	85
Mar. 8.	82	89	86	Mar. 1.	85.8	Mar. 6.	86	86	86
Mar. 15.	81	94	88	Mar. 8.	87.3	Mar. 13.	87	88	88
Mar. 22.	83	94	89	Mar. 15.	88.9	Mar. 20.	89	89	89
Mar. 29.	86	94	90	Mar. 22.	89.9	Mar. 27.	90	90	90
Apr. 5.	89	95	91	Mar. 29.	90.7	Apr. 3.	91	91	91
Apr. 12.	87	95	91	Apr. 5.	92.9	Apr. 10.	91	91	91
Apr. 19.	85	96	91	Apr. 12.	90.3	Apr. 17.	91	91	91
Apr. 26.	87	95	92	Apr. 19.	91.3	Apr. 24.	91	92	92
May 3.	85	95	91	Apr. 26.	92.3	May 1.	91	92	92
May 10.	87	93	91	May 3.	91.0	May 8.	91	92	92
May 17.	88	93	92	May 10.	91.2	May 15.	91	92	92
May 24.	89	94	92	May 17.	90.0	May 22.	91	91	91
May 31.	89	93	92	May 24.	91.0	May 29.	91	91	91
June 7.	88	94	75	May 31.	77.2	June 5.	75	75	75
June 14.	88	96	76	June 7.	76.4	June 12.	74	75	75
June 21.	87	96	75	June 14.	76.6	June 19.	75	76	76
June 28.	86	96	75	June 21.	75.9	June 26.	74	75	75
July 5.	80	92	70	June 28.	75.0	July 3.	77	76	76
July 12.	81	94	78	July 5.	67.3	July 10.	74	74	74
July 19.	81	94	83	July 12.	82.7	July 17.	82	83	83
July 26.	78	94	82	July 19.	82.5	July 24.	81	83	83
Aug. 2.	83	86	85	July 26.	84.3	July 31.	84	85	85
Aug. 9.	83	84	84	Aug. 2.	85.5	Aug. 7.	84	85	85
Aug. 16.	82	83	84	Aug. 9.	84.8	Aug. 14.	84	85	85
Aug. 23.	82	84	83	Aug. 16.	83.2	Aug. 21.	81	84	84
Aug. 30.	84	84	84	Aug. 23.	83.8	Aug. 28.	83	84	84
Sep. 6.	70	75	73	Aug. 30.	84.1	Sep. 4.	83	84	84
Sep. 13.	78	80	79	Sep. 6.	71.6	Sep. 11.	72	70	70
Sep. 20.	78	78	81	Sep. 13.	80.7	Sep. 18.	80	77	77
Oct. 4.	76	77	71	Sep. 20.	76.1	Sep. 25.	76	76	76
Oct. 11.	76	72	65	Oct. 4.	66.1	Oct. 11.	66	66	66
Oct. 18.	49	71	61	Oct. 11.	63.6	Oct. 18.	63	62	62
Oct. 25.	45	64	55	Oct. 18.	55.8	Oct. 25.	53	52	52
Nov. 1.	43	60	52	Oct. 25.	52.1	Oct. 30.	51	51	51
Nov. 8.	40	53	47	Nov. 1.	45.6	Nov. 6.	47	48	48
Nov. 15.	34	43	39	Nov. 8.	41.0	Nov. 13.	39	41	41
Nov. 22.	35	35	35	Nov. 15.	36.4	Nov. 20.	35	36	36
Nov. 29.	31	32	32	Nov. 22.	31.0	Nov. 27.	31	33	33
Dec. 6.	33	28	30	Nov. 29.	29.6	Dec. 4.	30	30	30
Dec. 13.	29	28	28	Dec. 6.	27.5	Dec. 11.	27	27	27
Dec. 20.	26	27	27	Dec. 13.	27.4	Dec. 18.	27	27	27
Dec. 27.	20	25	22	Dec. 20.	23.5	Dec. 25.	23	23	23

# ESTIMATED AUTOMOBILE PRODUCTION (10)

Week Ended:	1937.	1936.	1935.
Oct. 23.	91,905	59,740	62,015
Nov. 6.	90,155	66,885	76,740
Nov. 13.	83,325	84,305	89,095
Nov. 20.	85,757	104,248	93,177
Nov. 27.	88,555	104,190	83,558
Dec. 4.	86,173	100,545	93,030
Dec. 11.	85,763	119,445	98,082
Dec. 18.	82,025	121,038	103,600
Dec. 25.	67,230	76,889	71,335

# ELECTRIC POWER PRODUCTION (7)

Week Ended:	1937.	1936.	1935.
Dec. 4.	2,152,643	2,243,916	1,969,662
Dec. 11.	2,196,105	2,278,303	1,983,431
Dec. 18.	2,202,200	2,274,508	2,002,005
Dec. 25.	2,085,186	2,080,954	1,847,264

# FREIGHT CAR LOADINGS (19)

	Jan. 15, 1937.	Jan. 8, 1938.	Jan. 1, 1937.
Grain & gr. pr.	42,393	39,672	31,482
Livestock	15,219	14,641	15,768
Coal	131,350	140,487	161,178
Coke	6,869	6,830	11,821
Forest prod.	25,871	24,226	31,769
Ore	7,772	6,454	11,143
Mdse. 1. c. 1.	141,252	142,136	160,929
Misc. freight	209,874	207,868	271,945
Total	575,000	552,314	696,035
Week ended Jan. 22, 1938: Estimated total, 560,000; corresponding week in 1937, 670,376.			

# THE ANNALIST WEEKLY INDEX OF SENSITIVE COMMODITY PRICES (1913=100)

	Steel	Zinc	Aver.	Index
1937.				
Jan. 26.	156.1	110.1	133.1	108.8
Dec. 7.	110.5	90.2	100.4	85.6
Dec. 14.	112.8	90.7	101.8	87.2
Dec. 21.	113.9	90.4	102.2	87.9
Dec. 28.	114.1	90.0	102.0	87.9
Dec. 8.	139.4	90.7	115.0	96.2
Dec. 15.	145.7	97.2	121.4	101.3
Dec. 22.	148.8	99.1	124.0	102.2
Dec. 29.	148.2	98.1	123.2	101.6

# THE ANNALIST MONTHLY INDEX OF SENSITIVE COMMODITY PRICES (1913=100)

	Steel	Zinc	Aver.	Index
1936.				
Jan.	152.6	111.1	131.8	107.0
Feb.	158.5	120.3	139.4	112.8
Mar.	173.9	138.0	156.0	124.0
Apr.	172.1	131.9	152.0	120.5
May	158.2	129.2	143.7	114.8
June	149.6	124.7	137.2	109.6
July	162.8	125.1	144.0	114.4
Aug.	170.7	127.5	149.1	118.9
Sept.	153.3	129.4	141.4	113.0
Oct.	133.5	111.6	122.6	100.2
Nov.	113.2	104.0	108.6	91.0
Dec.	114.1	93.0	103.6	88.5

# QUARTERLY INDEX OF COST OF LIVING (6)



35  
BRITISH EXCHANGE RATES ON  
PARIS EXCHANGE

(In francs—average price per day)	1938	1937
Jan. 1	146.46	147.17
Jan. 8	147.15	147.17
Jan. 15	147.17	146.29
Jan. 22	147.17	146.29
Jan. 29	147.15	146.24
Jan. 31	147.15	146.24
Jan. 31	147.15	146.24
Jan. 31	147.15	146.24
Jan. 31	147.15	146.24
Jan. 31	147.15	146.24

1938	1937
Jan. 1	146.46
Jan. 8	147.15
Jan. 15	147.17
Jan. 22	147.17
Jan. 29	147.15
Jan. 31	147.15
Jan. 31	147.15
Jan. 31	147.15
Jan. 31	147.15
Jan. 31	147.15

36  
GOLD AND SILVER PRICES

Week Ended	Gold	Silver
Dec. 25	139s 9d	144s 4d
Jan. 1	139s 9d	144s 4d
Jan. 8	139s 9d	144s 4d
Jan. 15	139s 9d	144s 4d
Jan. 22	139s 9d	144s 4d
Jan. 29	139s 9d	144s 4d
Jan. 31	139s 9d	144s 4d
Jan. 31	139s 9d	144s 4d
Jan. 31	139s 9d	144s 4d
Jan. 31	139s 9d	144s 4d

37  
FOREIGN EXCHANGE RATES WEEKLY  
(All quotations cable rates unless otherwise noted)

Country and Unit	Jan. 22, 1938	Jan. 15, 1938	Jan. 8, 1938	Jan. 1, 1938
England (sovereign)	8.2397	8.2397	8.2397	8.2397
Australia (sovereign)	8.2397	8.2397	8.2397	8.2397
So. Africa (sovereign)	8.2397	8.2397	8.2397	8.2397
France (franc)	0.06634	0.06634	0.06634	0.06634
Italy (lira)	0.0526	0.0526	0.0526	0.0526
Germany (reichsmark)	0.04032	0.04032	0.04032	0.04032
Holland (florin)	0.6057	0.6057	0.6057	0.6057
Canada (dollar)	1.6931	1.6931	1.6931	1.6931
Belgium (belga)	1.6931	1.6931	1.6931	1.6931
Switzerland (franc)	2.2619	2.2619	2.2619	2.2619
Greece (drachma)	0.0220	0.0220	0.0220	0.0220
Sweden (krona)	0.4537	0.4537	0.4537	0.4537
Denmark (krone)	0.4537	0.4537	0.4537	0.4537
Norway (krone)	0.4537	0.4537	0.4537	0.4537
Austria (schilling)	2.3824	2.3824	2.3824	2.3824
Poland (zloty)	1.899	1.899	1.899	1.899
Czechoslovakia (crown)	0.0315	0.0315	0.0315	0.0315
Yugoslavia (dinar)	0.0298	0.0298	0.0298	0.0298
Portugal (escudo)	0.0745	0.0745	0.0745	0.0745
Rumania (leu)	0.0101	0.0101	0.0101	0.0101
Hungary (pengo)	0.2961	0.2961	0.2961	0.2961
Finland (markka)	0.0426	0.0426	0.0426	0.0426
India (rupee)	0.6180	0.6180	0.6180	0.6180
Hong Kong (silv. dol.)	0.3124	0.3124	0.3124	0.3124
Shanghai (silver dol.)	0.2967	0.2967	0.2967	0.2967
Manila (silver peso)	0.5000	0.5000	0.5000	0.5000
Straits Settlements (dollar)	0.9613	0.9613	0.9613	0.9613
Japan (yen)	0.84396	0.84396	0.84396	0.84396
Colombia (gold peso)	1.6479	1.6479	1.6479	1.6479
Argentina (paper peso)	1.6335	1.6335	1.6335	1.6335
Brazil (paper milreis)	0.0625	0.0625	0.0625	0.0625
Free Inland (dollar)	0.0519	0.0519	0.0519	0.0519
Chile (gold peso)	0.0519	0.0519	0.0519	0.0519
Peru (sol)	0.4740	0.4740	0.4740	0.4740
Uruguay (gold peso)	1.7510	1.7510	1.7510	1.7510
Mexico (silver peso)	0.8440	0.8440	0.8440	0.8440

Demand rate. Rate not available.

38  
FOREIGN EXCHANGE RATES DAILY  
Cable Transfer Rates

Jan. 26	Jan. 25	Jan. 24	Jan. 23	Jan. 22	Jan. 21	Jan. 20
England: High	\$4.99	\$4.99	\$4.99	\$4.99	\$4.99	\$5.00
Low	4.99	4.99	4.99	4.99	4.99	4.99
Last	4.99	4.99	4.99	4.99	4.99	4.99
France: High	0.0326	0.0326	0.0326	0.0326	0.0326	0.0326
Low	0.0326	0.0326	0.0326	0.0326	0.0326	0.0326
Last	0.0326	0.0326	0.0326	0.0326	0.0326	0.0326
Italy: High	0.0526	0.0526	0.0526	0.0526	0.0526	0.0526
Low	0.0526	0.0526	0.0526	0.0526	0.0526	0.0526
Last	0.0526	0.0526	0.0526	0.0526	0.0526	0.0526
Germany: High	0.0427	0.0427	0.0427	0.0427	0.0427	0.0427
Low	0.0427	0.0427	0.0427	0.0427	0.0427	0.0427
Last	0.0427	0.0427	0.0427	0.0427	0.0427	0.0427
Holland: High	0.6057	0.6057	0.6057	0.6057	0.6057	0.6057
Low	0.6057	0.6057	0.6057	0.6057	0.6057	0.6057
Last	0.6057	0.6057	0.6057	0.6057	0.6057	0.6057
Belgium: High	1.6888	1.6888	1.6888	1.6888	1.6888	1.6888
Low	1.6888	1.6888	1.6888	1.6888	1.6888	1.6888
Last	1.6888	1.6888	1.6888	1.6888	1.6888	1.6888
Switzerland: High	2.2619	2.2619	2.2619	2.2619	2.2619	2.2619
Low	2.2619	2.2619	2.2619	2.2619	2.2619	2.2619
Last	2.2619	2.2619	2.2619	2.2619	2.2619	2.2619
Canada: High	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Low	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Last	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Japan: High	0.84396	0.84396	0.84396	0.84396	0.84396	0.84396
Low	0.84396	0.84396	0.84396	0.84396	0.84396	0.84396
Last	0.84396	0.84396	0.84396	0.84396	0.84396	0.84396
Argentina (free inland)	0.2961	0.2961	0.2961	0.2961	0.2961	0.2961
Low	0.2961	0.2961	0.2961	0.2961	0.2961	0.2961
Last	0.2961	0.2961	0.2961	0.2961	0.2961	0.2961

Closing rate. Demand rate.

## SOURCES OF DATA

(1) Railway Age. (2) Commercial and Financial Chronicle. (3) The F. W. Dodge Corporation. (4) Federal Reserve Board. (5) United States Department of Commerce. (6) United States Department of Labor. (7) Edison Electric Institute. (8) The Iron Age. (9) American Institute of Steel Construction. (10) Ward's Automotive Reports, Inc. (11) Dunn & Bradstreet's. (12) Federal Power Commission. (13) The Wall Street Journal. (14) Engineering News-Record. (15) American Bureau of Metal Statistics. (16) American Iron and Steel Institute. (17) Averbach Company. (18) American Petroleum Institute. (19) American Railway Association. (20) United States Department of Interior. (21) Silk Association of America. (22) National Industrial Conference Board. (23) American Metal Market. (24) Federal Reserve Bank of New York. (25) American Zinc Institute. (26) Association of Life Insurance Presidents. (27) Bureau of Railway Economics. (28) Interstate Commerce Commission. (29) Rubber Manufacturers Association. (30) Bureau of Agricultural Economics. (31) American Appraisal Company. \*Subject to revision. †Revised.

## Stock and Bond Market Averages and Volume of Trading

The Annalist Weighted Averages of Group Leaders

Cal. Wks.	Jan. 20	Jan. 21	Jan. 22	Jan. 23	Jan. 24	Jan. 25	Jan. 26
High	46.6	45.6	46.4	46.8	45.4	44.8	45.2
Low	155.2	151.7	154.5	155.9	151.2	149.2	150.5
Last	31.8	31.1	31.7	31.9	31.1	31.1	31.1
25 Stocks	31.8	31.1	31.7	31.9	31.1	31.1	31.1
25 Industrials	31.8	31.1	31.7	31.9	31.1	31.1	31.1
25 Bonds	31.8	31.1	31.7	31.9	31.1	31.1	31.1
25 Utilities	31.8	31.1	31.7	31.9	31.1	31.1	31.1
25 Foreign	31.8	31.1	31.7	31.9	31.1	31.1	31.1
25 Commodities	31.8	31.1	31.7	31.9	31.1	31.1	31.1
25 Miscellaneous	31.8	31.1	31.7	31.9	31.1	31.1	31.1
25 Total	31.8	31.1	31.7	31.9	31.1	31.1	31.1

## FIFTEEN MOST ACTIVE STOCKS

Week ended Jan. 22, 1938	Volume	High	Low	Chg.
U. S. Steel	149,300	58 1/2	58	- 3/4
Yellow Truck	138,900	14	14	0
Chrysler	135,500	56 1/2	56	- 1/2
U. S. Rubber	106,900	28 1/2	28	- 1/2
General Motors	106,600	35 1/2	35	- 1/2
Anacosta	104,000	32 1/2	32	- 1/2
Bethlehem Steel	84,400	62 1/2	62	- 1/2
Alaska Juneau	77,000	12 1/2	12	- 1/2
Int'l Nickel	60,400	28 1/2	28	- 1/2
N. Y. Central	59,200	17 1/2	17	- 1/2
Sperry Corp.	55,900	20 1/2	20	- 1/2
Gen. Electric	50,800	42 1/2	42	- 1/2
Republic Steel	50,400	27 1/2	27	- 1/2
Graham-Paige	48,800	1 1/2	1	- 1/2
Comwith. & Sou.	48,400	1 1/2	1	- 1/2

## NUMBER OF ISSUES TRADED

Week ended Jan. 22, 1938	Adv.	Dec.	Unch.	Tot.	New	Net
Jan. 1	161	109	1,123	2,393	2	273
Jan. 8	940	76	65	1,081	3	40
Jan. 15	874	144	82	1,100	5	13
Jan. 22	202	768	109	1,079	6	19

## The New York Times Stock Market Averages

WEEKLY HIGH, LOW AND LAST									
Wk Ended:	25 Rails			25 Industrials			50 Stocks		
1937.	High.	Low.	Last.	High.	Low.	Last.	High.	Low.	Last.
Nov. 13.....	26.94	23.77	26.45	169.55	153.79	165.73	96.24	88.78	96.06
Nov. 20.....	26.77	22.91	23.93	168.10	148.06	152.65	97.43	85.78	98.24
Nov. 27.....	24.71	22.10	24.54	156.38	141.52	154.74	90.54	82.07	90.19
Dec. 4.....	25.48	23.74	25.32	162.51	145.72	153.68	92.34	82.98	92.39
Dec. 11.....	25.69	24.41	24.95	163.12	156.31	157.41	94.40	90.36	91.54
Dec. 18.....	24.66	23.89	24.47	157.37	149.88	156.61	90.91	86.90	90.18
Dec. 25.....	25.26	23.88	24.00	161.61	155.77	157.05	93.38	89.86	90.52
1938.									
Jan. 1.....	23.89	21.71	22.46	156.14	145.93	149.05	90.01	83.82	86.00
Jan. 8.....	23.99	22.07	23.90	162.38	148.07	162.01	93.15	85.15	92.93
Jan. 15.....	25.17	23.94	24.77	166.91	161.33	165.88	96.01	92.74	95.39
Jan. 22.....	24.51	22.70	22.90	165.98	160.41	161.28	95.39	91.60	92.06
DAILY HIGH, LOW AND LAST									
Jan. 20.....	23.60	23.15	23.48	164.73	162.47	164.46	94.16	92.81	93.97
Jan. 21.....	23.56	22.89	22.94	165.95	162.63	162.72	94.75	92.76	92.83
Jan. 22.....	22.94	22.70	22.90	161.66	160.83	161.28	92.30	91.76	92.06
Jan. 24.....	23.00	22.72	22.75	162.51	159.83	161.28	92.30	91.40	91.83
Jan. 25.....	22.78	22.57	22.55	161.00	158.37	159.51	91.89	90.42	91.03
Jan. 26.....	22.07	21.54	21.74	156.87	152.44	153.93	89.47	86.99	87.83

## Dow-Jones Stock Market Averages

Week Ended:	30 Industrials			20 Railroads			20 Utilities			70 Stocks
	High.	Low.	Last.	High.	Low.	Last.	High.	Low.	Last.	Last.
1937.										
Dec. 18.	126.92	121.85	126.63	32.01	31.10	31.91	21.89	21.15	21.56	42.57
Dec. 25.	130.76	126.50	127.36	32.98	31.35	31.49	22.08	21.01	21.17	42.53
1938.										
Jan. 1.	126.59	117.71	120.85	31.31	28.53	29.46	21.22	20.48	20.35	40.36
Jan. 8.	131.06	119.60	130.84	31.31	29.02	31.21	21.85	20.31	21.80	41.33
Jan. 15.	134.95	130.29	134.31	32.77	31.31	32.33	22.20	21.36	21.75	44.43
Jan. 22.	134.70	128.68	130.00	32.36	29.46	29.79	21.60	20.43	20.58	42.43

DAILY HIGH, LOW AND LAST										
Jan. 20.	132.54	130.39	132.33	30.58	30.06	30.45	21.23	20.79	21.04	43.26
Jan. 21.	133.23	130.56	130.69	30.58	29.74	29.80	21.16	20.68	20.78	42.64
Jan. 22.	130.35	129.37	130.00	29.83	29.53	29.70	20.65	20.43	20.68	42.64
Jan. 24.	130.52	129.13	129.89	29.89	29.48	29.79	20.86	20.56	20.73	42.64
Jan. 25.	129.47	127.97	128.33	29.61	29.24	29.34	20.72	20.38	20.46	41.93
Jan. 26.	126.10	121.86	123.23	28.74	28.05	28.31	19.19	19.58	19.80	40.34

## DAILY HIGH, LOW AND LAST

Jan. 20	Jan. 21	Jan. 22	Jan. 23	Jan. 24	Jan. 25	Jan. 26
30 Industrials	132.54	130.39	132.33	30.58	30.06	30.45
30 Railroads	133.23	130.56	130.89	30.58	30.06	30.45
30 Utilities	130.35	129.37	130.00	29.83	29.53	29.79
70 Stocks	130.52	129.13	129.89	29.89	29.48	29.70
25 RAILS	129.47	127.97	128.33	29.61	29.24	29.34
25 IND.	126.10	121.86	123.23	28.74	28.05	28.31

THE ANNALIST WEEKLY  
INDICES OF FOREIGN  
STOCK PRICES

1937.	London.	Paris.	Berlin.	Week Ended	
Dec. 14.	22.86	33.61	31.08	Jan. 22.	Jan. 23.
Dec. 21.	23.61	33.01	31.32	Monday	\$7,042,425
Dec. 28.	23.32	32.65	31.54	Tuesday	\$12,749,500
				Wednesday	\$8,811,625
1938.				Thursday	\$3,900,900
Jan. 4.	23.16	32.38	31.75	Friday	\$8,161,675
Jan. 11.	23.67	31.69	32.03	Saturday	\$7,149,500
Jan. 18.	23.16	33.74	31.96		\$4,064,825
Jan. 25.	23.02	32.76	31.70	Total week	\$49,731,150
					\$25,000,000

FOREIGN STOCK PRICES  
INDEX NUMBERS—TUESDAY PRICES

**BONDS SOLD ON NEW YORK STOCK EXCHANGE**  
(Par Value)

	Week Ended	
	Jan. 22, '38.	Jan. 23, '37
Corporation..	\$32,718,000	\$62,325,000
U. S. Govt.	4,957,150	2,906,400
Foreign .....	4,596,000	10,051,000
<b>Total</b>	<b>\$42,271,150</b>	<b>\$75,282,400</b>

**NEW YORK TIMES BOND MARKET AVERAGE (40 BONDS)**

Date.	Rails.	Indus.	Utili-	Com-	
Jan.:	trials.	ities.	bined.	Chge.	
17.....	62.67	93.31	72.47	72.78	- 41
18.....	61.61	93.11	71.90	72.06	- 72
19.....	60.87	93.00	71.59	71.58	- 43
20.....	61.07	92.70	71.64	71.62	+ 04
21.....	60.76	92.19	71.60	71.34	- 28
22.....	60.22	92.16	71.50	71.02	- 32

**Week's range, 40 bonds—**  
High 72.78, low 71.02.

24.....	60.22	91.94	71.27	70.91	- 17
25.....	59.73	91.59	71.15	70.56	- 34
26.....	58.90	91.22	70.76	69.95	- 81

BONDS SOLD ON NEW YORK  
STOCK EXCHANGE  
(Par Value)

Week ended:	Jan. 22, '38	Jan. 23, '37
Monday	\$7,042,425	\$12,749,500
Tuesday	8,811,625	13,884,200
Wednesday	8,390,900	14,188,900
Thursday	6,811,675	14,584,400
Friday	7,149,700	12,903,700
Saturday	4,064,825	7,001,700
Total week	\$42,271,150	\$75,282,400
Jan. 24	\$5,219,350	\$13,410,000
Jan. 25	6,335,275	14,927,100
Jan. 26	10,274,400	13,756,300

BONDS SOLD ON NEW YORK  
STOCK EXCHANGE  
(Par Value)

Week ended:	Jan. 22, '38	Jan. 23, '37
Monday	\$32,718,000	\$62,325,000
Tuesday	4,957,150	2,906,400
Wednesday	4,596,000	10,051,000
Thursday		
Friday		
Saturday		
Total	\$42,271,150	\$75,282,400

## NEW YORK TIMES BOND



# Stock Transactions—New York Stock Exchange

Bid and Asked Quotations of Jan. 22 for Issues Not Traded In

For Calendar Week Ended January 22

1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	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**Saturday, Jan. 22**

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### Stock Transactions—New York Stock Exchange—Continued

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r—Amount varies. u—In scrip.  
 t—Before operations of Spanish subsidiaries.  
 w—Weeks. x—Ex dividend.  
 y—1-5 share Grand National Films.  
 z—Not computed, as no allowance was made for debt service.

\*\*Stocks of no par value are indicated by (np).  
 †—Partly extra.  
 ‡—Figures under high and low column represent asked and bid prices of Jan. 22.



Saturday, Jan. 22

Stock Transactions—New York Stock Exchange—Continued

For Calendar Week Ended—

1938	1937	1936	1935	1934	1933	1932	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916	1915	1914	1913	1912	1911	1910	1909	1908	1907	1906	1905	1904	1903	1902	1901	1900	1899	1898	1897	1896	1895	1894	1893	1892	1891	1890	1889	1888	1887	1886	1885	1884	1883	1882	1881	1880	1879	1878	1877	1876	1875	1874	1873	1872	1871	1870	1869	1868	1867	1866	1865	1864	1863	1862	1861	1860	1859	1858	1857	1856	1855	1854	1853	1852	1851	1850	1849	1848	1847	1846	1845	1844	1843	1842	1841	1840	1839	1838	1837	1836	1835	1834	1833	1832	1831	1830	1829	1828	1827	1826	1825	1824	1823	1822	1821	1820	1819	1818	1817	1816	1815	1814	1813	1812	1811	1810	1809	1808	1807	1806	1805	1804	1803	1802	1801	1800	1799	1798	1797	1796	1795	1794	1793	1792	1791	1790	1789	1788	1787	1786	1785	1784	1783	1782	1781	1780	1779	1778	1777	1776	1775	1774	1773	1772	1771	1770	1769	1768	1767	1766	1765	1764	1763	1762	1761	1760	1759	1758	1757	1756	1755	1754	1753	1752	1751	1750	1749	1748	1747	1746	1745	1744	1743	1742	1741	1740	1739	1738	1737	1736	1735	1734	1733	1732	1731	1730	1729	1728	1727	1726	1725	1724	1723	1722	1721	1720	1719	1718	1717	1716	1715	1714	1713	1712	1711	1710	1709	1708	1707	1706	1705	1704	1703	1702	1701	1700	1699	1698	1697	1696	1695	1694	1693	1692	1691	1690	1689	1688	1687	1686	1685	1684	1683	1682	1681	1680	1679	1678	1677	1676	1675	1674	1673	1672	1671	1670	1669	1668	1667	1666	1665	1664	1663	1662	1661	1660	1659	1658	1657	1656	1655	1654	1653	1652	1651	1650	1649	1648	1647	1646	1645	1644	1643	1642	1641	1640	1639	1638	1637	1636	1635	1634	1633	1632	1631	1630	1629	1628	1627	1626	1625	1624	1623	1622	1621	1620	1619	1618	1617	1616	1615	1614	1613	1612	1611	1610	1609	1608	1607	1606	1605	1604	1603	1602	1601	1600	1599	1598	1597	1596	1595	1594	1593	1592	1591	1590	1589	1588	1587	1586	1585	1584	1583	1582	1581	1580	1579	1578	1577	1576	1575	1574	1573	1572	1571	1570	1569	1568	1567	1566	1565	1564	1563	1562	1561	1560	1559	1558	1557	1556	1555	1554	1553	1552	1551	1550	1549	1548	1547	1546	1545	1544	1543	1542	1541	1540	1539	1538	1537	1536	1535	1534	1533	1532	1531	1530	1529	1528	1527	1526	1525	1524	1523	1522	1521	1520	1519	1518	1517	1516	1515	1514	1513	1512	1511	1510	1509	1508	1507	1506	1505	1504	1503	1502	1501	1500	1499	1498	1497	1496	1495	1494	1493	1492	1491	1490	1489	1488	1487	1486	1485	1484	1483	1482	1481	1480	1479	1478	1477	1476	1475	1474	1473	1472	1471	1470	1469	1468	1467	1466	1465	1464	1463	1462	1461	1460	1459	1458	1457	1456	1455	1454	1453	1452	1451	1450	1449	1448	1447	1446	1445	1444	1443	1442	1441	1440	1439	1438	1437	1436	1435	1434	1433	1432	1431	1430	1429	1428	1427	1426	1425	1424	1423	1422	1421	1420	1419	1418	1417	1416	1415	1414	1413	1412	1411	1410	1409	1408	1407	1406	1405	1404	1403	1402	1401	1400	1399	1398	1397	1396	1395	1394	1393	1392	1391	1390	1389	1388	1387	1386	1385	1384	1383	1382	1381	1380	1379	1378	1377	1376	1375	1374	1373	1372	1371	1370	1369	1368	1367	1366	1365	1364	1363	1362	1361	1360	1359	1358	1357	1356	1355	1354	1353	1352	1351	1350	1349	1348	1347	1346	1345	1344	1343	1342	1341	1340	1339	1338	1337	1336	1335	1334	1333	1332	1331	1330	1329	1328	1327	1326	1325	1324	1323	1322	1321	1320	1319	1318	1317	1316	1315	1314	1313	1312	1311	1310	1309	1308	1307	1306	1305	1304	1303	1302	1301	1300	1299	1298	1297	1296	1295	1294	1293	1292	1291	1290	1289	1288	1287	1286	1285	1284	1283	1282	1281	1280	1279	1278	1277	1276	1275	1274	1273	1272	1271	1270	1269	1268	1267	1266	1265	1264	1263	1262	1261	1260	1259	1258	1257	1256	1255	1254	1253	1252	1251	1250	1249	1248	1247	1246	1245	1244	1243	1242	1241	1240	1239	1238	1237	1236	1235	1234	1233	1232	1231	1230	1229	1228	1227	1226	1225	1224	1223	1222	1221	1220	1219	1218	1217	1216	1215	1214	1213	1212	1211	1210	1209	1208	1207	1206	1205	1204	1203	1202	1201	1200	1199	1198	1197	1196	1195	1194	1193	1192	1191	1190	1189	1188	1187	1186	1185	1184	1183	1182	1181	1180	1179	1178	1177	1176	1175	1174	1173	1172	1171	1170	1169	1168	1167	1166	1165	1164	1163	1162	1161	1160	1159	1158	1157	1156	1155	1154	1153	1152	1151	1150	1149	1148	1147	1146	1145	1144	1143	1142	1141	1140	1139	1138	1137	1136	1135	1134	1133	1132	1131	1130	1129	1128	1127	1126	1125	1124	1123	1122	1121	1120	1119	1118	1117	1116	1115	1114	1113	1112	1111	1110	1109	1108	1107	1106	1105	1104	1103	1102	1101	1100	1099	1098	1097	1096	1095	1094	1093	1092	1091	1090	1089	1088	1087	1086	1085	1084	1083	1082	1081	1080	1079	1078	1077	1076	1075	1074	1073	1072	1071	1070	1069	1068	1067	1066	1065	1064	1063	1062	1061	1060	1059	1058	1057	1056	1055	1054	1053	1052	1051	1050	1049	1048	1047	1046	1045	1044	1043	1042	1041	1040	1039	1038	1037	1036	1035	1034	1033	1032	1031	1030	1029	1028	1027	1026	1025	1024	1023	1022	1021	1020	1019	1018	1017	1016	1015	1014	1013	1012	1011	1010	1009	1008	1007	1006	1005	1004	1003	1002	1001	1000	999	998	997	996	995	994	993	992	991	990	989	988	987	986	985	984	983	982	981	980	979	978	977	976	975	974	973	972	971	970	969	968	967	966	965	964	963	962	961	960	959	958	957	956	955	954	953	952	951	950	949	948	947	946	945	944	943	942	941	940	939	938	937	936	935	934	933	932	931	930	929	928	927	926	925	924	923	922	921	920	919	918	917	916	915	914	913	912	911	910	909	908	907	906	905	904	903	902	901	900	899	898	897	896	895	894	893	892	891	890	889	888	887	886	885	884	883	882	881	880	879	878	877	876	875	874	873	872	871	870	869	868	867	866	865	864	863	862	861	860	859	858	857	856	855	854	853	852	851	850	849	848	847	846	845	844	843	842	841	840	839	838	837	836	835	834	833	832	831	830	829	828	827	826	825	824	823	822	821	820	819	818	817	816	815	814	813	812	811	810	809	808	807	806	805	804	803	802	801	800	799	798	797	796	795	794	793	792	791	790	789	788	787	786	785	784	783	782	781	780	779	778	777	776	775	774	773	772	771	770	769	768	767	766	765	764	763	762	761	760	759	758	757	756	755	754	753	752	751	750	749	748	747	746	745	744	743	742	741	740	739	738	737	736	735	734	733	732	731	730	729	728	727	726	725	724	723	722	721	720	719	718	717	716	715	714	713	712	711	710	709	708	707	706	705	704	703	702	701	700	699	698	697	696	695	694	693	692	691	690	689	688	687	686	685	684	683	682	681	680	679	678	677	676	675	674	673	672	671	670	669	668	667	666	665	664	663	662	661	660	659	658	657	656	655	654	653	652	651	650	649	648	647	646	645	644	643	642	641	640	639	638	637	636	635	634	633	632	631	630	629	628	627	626	625	624	623	622	621	620	619	618	617	616	615	614	613	612	611	610	609	608	607	606	605	604	603	602	601	600	599	598	597	596	595	594	593	592	591	590	589	588	587	586	585	584	583	582	581	580	579	578	577	576	575	574	573	572	571	570	569	568	567	566	565	564	563	562	561	560	559	558	557	556	555	554	553	552	551	550	549	548	547	546	545	544	543	542	541
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## For Calendar Week Ended—

## Stock Transactions—New York Stock Exchange—Continued

## For Calendar Week Ended—

## Saturday, Jan. 22

1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	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For Calendar Week Ended—

Stock Transactions—New York Stock Exchange—Continued

Saturday, Jan. 22

1935	1936	1937	Price Range	Stocks and	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2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# Bond Transactions New York Stock Exchange

For Week Ended Saturday, Jan. 22

UNITED STATES GOVERNMENT BONDS										
Quotations after decimal point represent 32nds of a point.										
TREASURY BONDS										
Range '37-'38	High. Low.	Sales in 1000s.	High. Low.	Last.	Chge.	Range '37	High. Low.	Sales in 1000s.	High. Low. Last. Chge.	
107.27 104.20 34s 43-40 June.	80	106.13 106.9	106.12	106.12	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
108.24 104.24 34s 43-41 Mch.	13	107.22 107.18	107.10	107.10	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
108.24 104.24 34s 41	14	107.22 107.18	107.10	107.10	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
110.18 104.28 34s 47-43	37	108.18 108.10	108.15	108.15	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
109.10 104.30 34s 45-43 reg.	2	108.12 108.12	108.12	108.12	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
108.26 104.34 34s 45-43	45	108.06 107.26	107.26	107.26	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
108.1 104.16 34s 45-43 reg.	1	108.1 108.1	108.1	108.1	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
109.25 104.34 34s 46-44 reg.	8	107.28 107.28	107.28	107.28	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
108.10 104.30 34s 46-44 reg.	13	107.28 107.28	107.28	107.28	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
115.20 109.12 4s 54-44	223	111.11 112.31	113.2	113.2	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
106.16 100.18 24s 47-45	449	104.29 104.19	104.21	104.21	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
106.20 101.27 24s 45	130	103.20 103.9	103.10	103.10	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
113.9 107.12 34s 56-46	41	111.22 111.15	111.16	111.16	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
107.30 102.10 3s 48-46	241	106.11 106.2	106.2	106.2	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
108.24 102.20 34s 49-46	56	106.28 106.22	106.28	106.28	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
121.14 113.16 24s 51-48	25	117.24 117.20	117.23	117.23	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
104.16 99.2 24s 51-48	165	102.28 102.19	102.22	102.22	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
108.18 102.24 34s 52-49	40	106.20 106.15	106.15	106.15	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
101.22 96.6 24s 53-49	739	100.8 99.26	99.26	99.26	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
103.17 98.4 24s 54-51	768	101.30 101.14	101.15	101.15	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
106.28 101 3s 55-51	580	102.23 102.8	102.10	102.10	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
104.30 99 24s 56-55	258	101.20 101.6	101.6	101.6	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
FEDERAL FARM MORTGAGE BONDS										
105.23 101.8 3s 47-42	36	104.26 104.16	104.18	104.18	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
104.10 99.6 24s 47-42	87	103.17 103.3	103.11	103.11	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
106.10 101.7 34s 64-44	125	104.30 104.16	104.22	104.22	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
105.17 100.11 3s 47-42	131	104.12 103.24	103.24	103.24	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
HOME OWNERS LOAN BONDS										
103.2 98.28 24s 49-39	90	102.14 101.27	101.27	101.27	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
102.31 98.16 24s 44-42	197	102.4 101.20	101.20	101.20	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
105.3 98.24 3s 52-44	216	104.15 104	104	104	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
DOMESTIC BONDS										
106 90 ADAMS EXP 4s 48	10	94	94	94	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
105 90 Adams Exp 4s 46 st.	16	101	99	100	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
107 90 Alb & Sus 3 1/2s 46	2	90	90	90	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
101 90 Allegheny 5s 44	85	76	72 1/2	72 1/2	3/4	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
101 90 Allegheny 5s 49	73	66	63	63	4/8	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
101 90 Allegheny 5s 50 st.	108	34 1/2	34 1/2	34 1/2	3/4	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
112 107 Allegheny Val 4s 42	15	101	107 1/2	107 1/2	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
101 90 Allied Sts 4 1/2s 50	3	90 1/2	90 1/2	90 1/2	1/8	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
100 90 Allied Sts 4 1/2s 51	11	85 1/2	84	84	3/4	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
105 90 Allis Chalm 4s 52	224	105 1/4	104	105	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
101 90 Am C Nit det 57	13	29	29	29	1/2	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
100 90 Am Ice 5s 53	13	97	97	97	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
100 90 Am Int Ch 4s 49	37	104	103 1/2	103 1/2	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
106 90 Am Int Ch 4s 49	28	98 3/4	97 1/2	97 1/2	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
114 111 Am T & T 3 1/2s 43	50	113 1/2	113	113 1/2	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
102 90 Am T & T 3 1/2s 43	159	101 1/2	100 1/2	100 1/2	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
200 95 Am T & T 3 1/2s 43	4	106	105	105	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
110 90 Am W & E 6s 75	10	95 1/4	94 1/4	94 1/4	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
107 90 Anacosta C 4 1/2s	86	105	103 1/2	103 1/2	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
101 90 Ann Arbor 4s 57	4	40	39	39	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
100 90 Ann Del 4s 57	68	93 1/2	92 1/2	92 1/2	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
100 90 Ann Del 4s 57	70	93 1/2	91 1/2	91 1/2	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
116 106 A T & S F 4s 95	224	104 1/2	103 1/2	103 1/2	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
112 100 A T & S F 4s 95	1	103	103	103	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
112 100 A T & S F 4s 95 st.	133	103 1/2	101 1/2	101 1/2	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
101 90 A T & S F 4s 1905-55	15	102	101 1/2	101 1/2	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
109 101 A T & S F 4s 1905-55	3	102	101 1/2	101 1/2	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
111 103 A T & S F 4s 1905-55	109	106 1/2	103 1/2	103 1/2	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
114 110 A T & S F 4s 1905-55	6	110	110	110	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
113 108 A T & S F 4s 1905-55	32	112	108	108	+	108.105 105 105 105 105 105 105 105 105 105	2	108 108 108	+	108
107 103 A T & S F 4s 1905-55	1	103								



High. Low. Last. Chge.										High. Low. Last. Chge.										High. Low. Last. Chge.										High. Low. Last. Chge.									
125 1/2	116 1/2	N Eng T & T 4 1/2 61	4	120 1/2	120 1/2	120 1/2	+	1/2		212	110	Republ 8 1/2 4 1/2 50	12	115	113	115	-	1 1/2		103 1/2	88 1/2	Argentine 4 1/2 71	50	94 1/2	93 1/2	94 1/2	+	1 1/2		103 1/2	88 1/2	Argentine 4 1/2 71	50	94 1/2	93 1/2	94 1/2	+	1 1/2	
108 1/2	98 1/2	32	107 1/2	107 1/2	107 1/2	+	1/2			106 1/2	97 1/2	36	101	99 1/2	99 1/2	-	1 1/2		110 1/2	104 1/2	58	105 1/2	104 1/2	105 1/2	+	1 1/2		110 1/2	104 1/2	58	105 1/2	104 1/2	105 1/2	+	1 1/2				
103 1/2	98 1/2	33	98	94 1/2	94 1/2	+	3			95 1/2	84 1/2	36	101	99 1/2	99 1/2	-	1 1/2		110 1/2	104 1/2	58	105 1/2	104 1/2	105 1/2	+	1 1/2		110 1/2	104 1/2	58	105 1/2	104 1/2	105 1/2	+	1 1/2				
100 1/2	95 1/2	33	98	94 1/2	94 1/2	+	3			95 1/2	84 1/2	36	101	99 1/2	99 1/2	-	1 1/2		110 1/2	104 1/2	58	105 1/2	104 1/2	105 1/2	+	1 1/2		110 1/2	104 1/2	58	105 1/2	104 1/2	105 1/2	+	1 1/2				
100 1/2	95 1/2	33	98	94 1/2	94 1/2	+	3			95 1/2	84 1/2	36	101	99 1/2	99 1/2	-	1 1/2		110 1/2	104 1/2	58	105 1/2	104 1/2	105 1/2	+	1 1/2		110 1/2	104 1/2	58	105 1/2	104 1/2	105 1/2	+	1 1/2				
100 1/2	95 1/2	33	98	94 1/2	94 1/2	+	3			95 1/2	84 1/2	36	101	99 1/2	99 1/2	-	1 1/2		110 1/2	104 1/2	58	105 1/2	104 1/2	105 1/2	+	1 1/2		110 1/2	104 1/2	58	105 1/2	104 1/2	105 1/2	+	1 1/2				
100 1/2	95 1/2	33	98	94 1/2	94 1/2	+	3			95 1/2	84 1/2	36	101	99 1/2	99 1/2	-	1 1/2		110 1/2	104 1/2	58	105 1/2	104 1/2	105 1/2	+	1 1/2		110 1/2	104 1/2	58	105 1/2	104 1/2	105 1/2	+	1 1/2				
100 1/2	95 1/2	33	98	94 1/2	94 1/2	+	3			95 1/2	84 1/2	36	101	99 1/2	99 1/2	-	1 1/2		110 1/2	104 1/2	58	105 1/2	104 1/2	105 1/2	+	1 1/2		110 1/2	104 1/2	58	105 1/2	104 1/2	105 1/2	+	1 1/2				
100 1/2	95 1/2	33	98	94 1/2	94 1/2	+	3			95 1/2	84 1/2	36	101	99 1/2	99 1/2	-	1 1/2		110 1/2	104 1/2	58	105 1/2	104 1/2	105 1/2	+	1 1/2		110 1/2	104 1/2	58	105 1/2	104 1/2	105 1/2	+	1 1/2				
100 1/2	95 1/2	33	98	94 1/2	94 1/2	+	3			95 1/2	84 1/2	36	101	99 1/2	99 1/2	-	1 1/2																						



Bond Transactions—New York Stock Exchange—Continued

Range '37	Sales	High.	Low.	Last.	Net	Range '37	Sales	High.	Low.	Last.	Net
High. Low.	in 1000s.				Chge.	High. Low.	in 1000s.				Chge.
43 1/2 12 1/2	Sao Paulo 8 1/2 50	11	13	12 1/2	- 1/2	78 1/2 48 1/2	TAIWAN E F 5 1/2 71	29	52 1/2	49 1/2	- 1 1/2
44 1/2 13 1/2	Sao Paulo 8 1/2 50	11	13	13 1/2	+ 1/2	79 1/2 49 1/2	Tokyo City 5 1/2 51	57	54 1/2	51 1/2	- 1 1/2
98 35 1/2	Sao Paulo 8 1/2 50	23	42 1/2	35 1/2	- 7 1/2	83 1/2 49 1/2	Tokyo E L 1 1/2 53	186	55 1/2	53 1/2	- 1 1/2
34 1/2 9 1/2	Sao Paulo 8 1/2 50	4	10	9 1/2	- 1/2	100 1/2 50	Tyrol Hy El F 7 1/2 52	3	96	94	- 2
32 1/2 25	Serbia Cts 8 1/2 62	11	32 1/2	31 1/2	- 1 1/2	97 1/2 69	UJIGAWA E F 7 1/2 45	4	72 1/2	70	- 2 1/2
33 1/2 24	Serbia Cts 8 1/2 62	11	33 1/2	31 1/2	- 2 1/2	33 1/2 22	Un 84 Wk 6 1/2 51 A	2	27 1/2	27 1/2	-
73 50 1/2	Serbia H 6 1/2 51	9	64	62 1/2	- 1 1/2	32 1/2 19 1/2	Un 84 Wk 6 1/2 47 A	5	27 1/2	27 1/2	-
60 1/2 40 1/2	Silesia Prov 7 1/2 58	51	60 1/2	59 1/2	- 1 1/2	32 1/2 23 1/2	Un 84 Wk 6 1/2 51 C	7	27 1/2	27 1/2	-
106 101 1/2	Sydney 5 1/2 55	11	104	103 1/2	- 1 1/2						

Transactions on the New York Curb Exchange

For Week Ended Saturday, Jan. 22

Stocks and bonds marked with a dagger are fully listed on the Curb Exchange; others are dealt in as unlisted issues.

High. Low.	Stock and Dividend	High. Low.	Last.	Net	Chge.	High. Low.	Stock and Dividend	High. Low.	Last.	Net	Chge.
in Dollars.						in Dollars.					
56 1/2 24	ACME WIRE v t c (4g)	33 1/2	33 1/2	33 1/2	-	128 116 1/2	Gt A & F 1st pf (7)	120 1/2	120 1/2	120 1/2	-
6 1/2 1 1/2	Aero Supply Mfg B (4g)	4	3 1/2	3 1/2	- 1/2	47 27	Gt Nor Pap (1a)	31	30	30	- 1 1/2
38 14 1/2	Aeroflex (4g)	22 1/2	22 1/2	22 1/2	-	16 1/4	Greenfield T & D	6 1/4	6 1/4	6 1/4	-
22 5 1/2	Alcoa (4g)	7 1/2	7 1/2	7 1/2	-	6 2 1/2	Gro Str Pr (4g)	2 1/2	2 1/2	2 1/2	-
4 1/2	Air Devices	1 1/2	1 1/2	1 1/2	-	63 1/2 33	Gulf Oil (1)	41 1/2	40 1/2	41	- 1 1/2
5 1/2 1 1/2	Air Investors	2	2	2	-						
34 1/2 7	Air Investors cv pf	15 1/2	15 1/2	15 1/2	-						
77 50 1/2	Ala Power 37 pf (6)	54	53	53 1/2	- 1/2						
5 1/2 2 1/2	Alles & Fisher	2 1/2	2 1/2	2 1/2	-						
9 1/2	Allied Prod new (1g)	4 1/2	4 1/2	4 1/2	-						
177 172 1/2	Aluminum Co America	142 1/2	142 1/2	142 1/2	-						
119 1/2 105 1/2	Aluminum Co pf (6)	105 1/2	105 1/2	105 1/2	-						
14 1/2 4 1/2	Alum Ind (40)	7	7	7	-						
140 55 1/2	Alum Ltd	11 1/2	11 1/2	11 1/2	-						
32 1/2 7 1/2	Am Airlines	1 1/2	1 1/2	1 1/2	-						
75 48 1/2	Am Book (1e)	51	51	51	-						
24 1/2 5	Am Box Board (1.55g)	10 1/2	10 1/2	10 1/2	-						
42 20 1/2	Am Cap pf (3g)	22 1/2	22 1/2	22 1/2	-						
5 1/2 1 1/2	Am Centrifugal	2 1/2	2 1/2	2 1/2	-						
41 1/2 23 1/2	Am Cities P & L A (3h)	27 1/2	26 1/2	26 1/2	- 1 1/2						
47 22 1/2	Am Cts P & L A ww (2 1/2h)	25	24 1/2	24 1/2	- 1/2						
8 1/2	Am Cities P & L B (30g)	2 1/2	2 1/2	2 1/2	-						
37 17 1/2	Am Cyanamid B (60)	27 1/2	27 1/2	27 1/2	-						
48 1/2 21 1/2	Am & Foreign Power war	1 1/2	1 1/2	1 1/2	-						
112 1/2 89	Am Gas & Electric (1.40g)	11 1/2	11 1/2	11 1/2	-						
12 1/2 4 1/2	Am Gen	5	5	5	-						
36 1/2 22 1/2	Am Gen 32 pf (2)	25 1/2	25 1/2	25 1/2	-						
32 1/2 8	Am Hard Rubber (2g)	11	11	11	-						
38 1/2 14	Am Laundry Mach (30g)	17 1/2	17 1/2	17 1/2	-						
26 1/2 10	Am Light & Traction (1.20)	13 1/2	12 1/2	12 1/2	- 1 1/2						
54 1/2 15	Am Mfg (4g)	23	23	23	-						
59 1/2 25	Am Maracabo	26 1/2	25 1/2	25 1/2	- 1 1/2						
59 1/2 25	Am Meter (4g)	26 1/2	25 1/2	25 1/2	- 1 1/2						
9 1/2	Am Nat Gas (3 1/2g)	4	4	4	-						
59 1/2 25	Am Repub (40g)	9	8 1/2	8 1/2	- 1/2						
59 1/2 25	Am Seal Kap (20g)	9	8 1/2	8 1/2	- 1/2						
59 1/2 25	Am Super Power	75	74	74	- 1						
59 1/2 25	Am Super Pwr pf	16 1/2	13 1/2	13 1/2	- 3 1/2						
59 1/2 25	Anchor Post Fence	2	2	2	-						
59 1/2 25	Ang Wupp (40g)	3 1/2	3 1/2	3 1/2	-						
42 1/2 8 1/2	Aqua Elec (40g)	12 1/2	12 1/2	12 1/2	-						
110 1/2 100 1/2	Appalac pf (7)	103	102 1/2	102 1/2	- 1/2						
12 1/2 4 1/2	Arctur Rad Tube	2	2	2	-						
12 1/2 4 1/2	Ark Nat Gas	4 1/2	4 1/2	4 1/2	-						
13 1/2 4 1/2	Ark Nat Gas A	4 1/2	4 1/2	4 1/2	-						
10 1/2 4 1/2	Ark Nat Gas B	4 1/2	4 1/2	4 1/2	-						
96 66 1/2	Ark P & L pf (70)	72	72	72	-						
15 1/2 4 1/2	Art Met Wks (30g)	6 1/2	6 1/2	6 1/2	-						
8 1/2 4 1/2	Ashld Oil & R (40)	4 1/2	4 1/2	4 1/2	-						
13 1/2 9 1/2	Asa Ind (36g)	10 1/2	10 1/2	10 1/2	-						
5 1/2 1 1/2	Asa G & El A	1 1/2	1 1/2	1 1/2	-						
39 1/2 5 1/2	Asa G & El pf	8 1/2	7 1/2	7 1/2	- 1 1/2						
13 1/2 3 1/2	Asa Land	4 1/2	4 1/2	4 1/2	-						
57 1/2 20	Ata Cat Line Co (3g)	28	28	28	-						
29 1/2 9	Atlas Corp war	13 1/2	13 1/2	13 1/2	-						
29 1/2 9	Atlas Fly (40g)	13 1/2	13 1/2	13 1/2	-						
9 1/2	Automat Prod	1 1/2	1 1/2	1 1/2	-						
11 1/2 2 1/2	Auto Ve Mach (1 1/2)	21 1/2	21 1/2	21 1/2	-						
43 13 1/2	Axtion Fls A	17 1/2	16 1/2	16 1/2	- 1 1/2						
156 60	BACCOCK & WIL (5g)	89 1/2	86	86	- 3 1/2						
17 10 1/2	Baldwin Loco pf	15 1/2	15 1/2	15 1/2	-						
10 1/2	Baldwin Loco war	4 1/2	4 1/2	4 1/2	-						
15 1/2	Baldwin Rub (1 1/2)	9 1/2	9 1/2	9 1/2	-						
5 1/2	Bard's D (0.75g)	1 1/2	1 1/2	1 1/2	-						
8 1/2	Barium Sta 8 1/2	2 1/2	2 1/2	2 1/2	-						
21 7 1/2	Bari & Seal A (1.20)	10	10	10	-						
11 1/2	Bell & Laufer (6g)	8 1/2	7 1/2	7 1/2	- 1 1/2						
4 1/2	Bell Aircraft	1 1/2	1 1/2	1 1/2	-						
18 1/2	Bell Tel Can (8)	16 1/2	16 1/2	16 1/2	-						
2 1/2	Bellina Air (4g)	4	3 1/2	3 1/2	- 1/2						
4 1/2	Berk & Gay Furn	1 1/2	1 1/2	1 1/2	-						
14 1/2	Birdsboro S Fdy (1 1/2g)	8 1/2	8 1/2	8 1/2	-						
41 1/2	Bills E W	24 1/2	24 1/2	24 1/2	-						
41 1/2	Bills & Laufer (2a)	21 1/2	21 1/2	21 1/2	-						
4 1/2	Blue Ridge (1 1/2g)	1 1/2	1 1/2	1 1/2	-						
48 1/2 34 1/2	Blue Ridge cv pf (3h)	38 1/2	39 1/2	39 1/2	+ 1 1/2						
43 1/2 4	Blunenthal (8)	8 1/2	7 1/2	7 1/2	- 1 1/2						
56 1/2 11	Bonack (HCC)	16 1/2	16 1/2	16 1/2	-						
19 1/2	Borne Serrin (1 1/2g)	10 1/2	10 1/2	10 1/2	-						
2 1/2	Bowm Bilt H	1 1/2	1 1/2	1 1/2	-						
32 1/2 6 1/2	Bowm Bilt H 1 pf	9 1/2	8 1/2	8 1/2	- 1 1/2						
30 1/2 10 1/2	Brat T & L (4g)	12 1/2	12 1/2	12 1/2	-						
14 1/2 5 1/2	Brecher Corp (4g)	7 1/2	7 1/2	7 1/2	-						
21 1/2	Brewster A (0.5g)	5 1/2	5 1/2	5 1/2	-						
21 1/2	Bridgeport Mach (2g)	9 1/2	9 1/2	9 1/2	-						
108 1/2 81 1/2	Brillat Mech pf (7)	83 1/2	83 1/2	83 1/2	-						
16 1/2 7 1/2	Brill A	4 1/2	4 1/2	4 1/2	-						
77 16 1/2	Brill pf	25 1/2	22 1/2	22 1/2	- 3 1/2						
12 1/2 7 1/2	Brill Mfg (80)	8 1/2	8 1/2	8 1/2	-						
25 19 1/2	Br Am Oil reg (4g)	20 1/2	20 1/2	20 1/2	-						
85 19	Brown Co pf	26 1/2	25 1/2	25 1/2	- 1 1/2						
15 1/2	Brown F & W (60)	7 1/2	7 1/2	7 1/2	-						
12 1/2	Brown F Dist	3 1/2	3 1/2	3 1/2	-						
5 1/2	Brown Rub (50a)	4 1/2	4 1/2	4 1/2	-						
25 1/2	Brown E & R pf (1.20)	21 1/2	21 1/2	21 1/2	-						
100 1/2 80	Brown N & E pf (5)	99 1/2	99 1/2	99 1/2	-						
31 1/2 12 1/2	Burn Hill & S (1 1/2)	16 1/2	15 1/2	15 1/2	- 1 1/2						
8 1/2	Burry Biscuit (4g)	3 1/2	3 1/2	3 1/2	-						
8 1/2	Can IND ALG A	4 1/2	4 1/2	4 1/2	-						
3 1/2	Can Marc Wire	1 1/2	1 1/2	1 1/2	-						
3 1/2	Carb Svn (1 1/2g)	1 1/2	1 1/2	1 1/2	-						
35 19	Carnation (1a)	20	20	20	-						
37 1/2	Carnegie Met	1 1/2	1 1/2	1 1/2	-						
102 1/2 78	Carr & L 1st pf (7)	78 1/2	78 1/2	78 1/2	-						
67 1/2 23 1/2	Carrier Corp	31 1/2	29	29	- 2 1/2						
14 1/2	Carter (JW) (60g)	5 1/2	5 1/2	5 1/2	-						
38 1/2 10	Casco Prod (2 1/2g)	15 1/2	14 1/2	14 1/2	- 1 1/2						
10 1/2	Catalin Am	3 1/2	3 1/2	3 1/2	-						
15 1/2	Cen 1st pf (7g)	6 1/2	6 1/2	6 1/2	-						
103 1/2 67	Cen 1st pf (7g)	67 1/2	67 1/2	67 1/2	-						
6 1/2	Cen & Sw Ut	1 1/2	1 1/2	1 1/2	-						
10 1/2 11 1/2	Cen Hud G & E (80)	12 1/2	12 1/2	12 1/2	-						
80 82 1/2	Cen Ohio S F (5)	80 1/2	80 1/2	80 1/2	-						
22 1/2	Cen Ohio S F (5)	8 1/2	8 1/2	8 1/2	-						
2 1/2	Cen St El 0 1/2 pf	6 1/2	6 1/2	6 1/2	-						
27 1/2 2 1/2	Cen St El 0 1/2 pf	6 1/2	6 1/2	6 1/2	-						
32 1/2	Cen St El 7 1/2 pf	14 1/2	13 1/2	13 1/2	- 1 1/2						
32 1/2	Cen St El cv pf	8 1/2	8 1/2	8 1/2	-						
33 1/2 10	Centrif P (40)	15 1/2	14 1/2	14 1/2	- 1 1/2						
10 1/2	Ch W M (80)	4 1/2	4 1/2	4 1/2	-						
27 1/2 15 1/2	Cherry Barr (1.40)	21 1/2	21 1/2	21 1/2	-						
76 1/2 3/											



## Transactions on the New York Curb Exchange—Continued

1937.		Stock and Dividend		High. Low.		Last.		Net		Sales.	
71%.		In Dollars.		High. Low.		Last.		Chge.		Sales.	
71%	Nat Service pf	17 1/2	17 1/2	17 1/2	17 1/2	17 1/2	17 1/2	17 1/2	17 1/2	17 1/2	100
72%	Nat Sg S (2)	27 3/4	27 3/4	27 3/4	27 3/4	27 3/4	27 3/4	27 3/4	27 3/4	27 3/4	250
72%	Nat Sg S (2)	17 1/2	17 1/2	17 1/2	17 1/2	17 1/2	17 1/2	17 1/2	17 1/2	17 1/2	300
12 1/2	Nat Trans (1)	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	300
3 1/4	Nat Tunnel & Mines	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	5,500
30 1/2	Nat Va (1)	30 1/2	30 1/2	30 1/2	30 1/2	30 1/2	30 1/2	30 1/2	30 1/2	30 1/2	2,100
28 1/2	Navarro Oil (.40a)	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	100
59 1/2	Nehi Corp (3g)	42	41	42	41	42	41	42	41	42	50
58	N E Pw As 6% pf (6)	58	59	59	59	59	59	59	59	59	200
140 1/2	New Zinc T & T (6 1/2g)	101	101	101	101	101	101	101	101	101	50
90 1/2	N J Zinc (4g)	90 1/2	90 1/2	90 1/2	90 1/2	90 1/2	90 1/2	90 1/2	90 1/2	90 1/2	100
93 1/2	N J Zinc (4g)	72	70	70 1/2	70 1/2	70 1/2	70 1/2	70 1/2	70 1/2	70 1/2	200
5	N Mex & Ariz	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
135 1/2	Newmont Min (3a)	68	64	64	64	64	64	64	64	64	1,400
16	N Y C Omnibus	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2	150
15 1/2	N Y C Merchand (.80)	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	100
105 1/2	N Y F & L 36 pf (7)	101	100	100	100	100	100	100	100	100	200
105 1/2	N Y F & L 7% pf (6)	93 1/2	92	92	92	92	92	92	92	92	50
12 1/2	N Y Transit (1g)	4	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	1,300
65	N Y Wat Svc pf	18	16 1/2	17	17	17	17	17	17	17	60
16 1/2	Niang Hud P (.40g)	8 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	8,400
100	Niang Hud P (5) xd.	75 1/2	73 1/2	75 1/2	75 1/2	75 1/2	75 1/2	75 1/2	75 1/2	75 1/2	225
100	Niang Hud P (5) xd.	75 1/2	73 1/2	75 1/2	75 1/2	75 1/2	75 1/2	75 1/2	75 1/2	75 1/2	225
2 1/2	Niang Hud P (5) xd.	1	1	1	1	1	1	1	1	1	200
16	Niang Hud P (5) xd.	6	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	50
89 1/2	Niang Hud P (5) xd.	89 1/2	89 1/2	89 1/2	89 1/2	89 1/2	89 1/2	89 1/2	89 1/2	89 1/2	25
30 1/2	Nipia's Mns (.37g)	28	28	28	28	28	28	28	28	28	1,400
11 1/2	Noma Elec (.40g)	4	4	4	4	4	4	4	4	4	400
7 1/2	No Am Lt & P	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1,600
51 1/2	No Am Lt & P	37	36 1/2	36 1/2	36 1/2	36 1/2	36 1/2	36 1/2	36 1/2	36 1/2	1,150
50 1/2	No A Ray B (2 1/2g)	22 1/2	22	22	22	22	22	22	22	22	800
18 1/2	No A Ray B (2 1/2g)	22 1/2	22	22	22	22	22	22	22	22	1,450
6	Nor Am Ut Sec	1	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	100
96 1/2	Nor Europ Oil.	85	85	85	85	85	85	85	85	85	1,700
69 1/2	Nor Ind P S E (6)	65	65	65	65	65	65	65	65	65	200
103 1/2	Nor Ind P S 7% pf (7)	77	74 1/2	75	75	75	75	75	75	75	1,100
71	Nor St P A.	13 1/2	11 1/2	12	12	12	12	12	12	12	110
6 1/2	Nor Tex El (2)	6	6	6	6	6	6	6	6	6	300
10 1/2	Novad-Ag (.15g)	12 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	300
35 1/2	Novad-Ag (.15g)	24 1/2	24 1/2	24 1/2	24 1/2	24 1/2	24 1/2	24 1/2	24 1/2	24 1/2	100
111 1/2	OHIO Oil pf (6)	109 1/2	109 1/2	109 1/2	109 1/2	109 1/2	109 1/2	109 1/2	109 1/2	109 1/2	100
111 1/2	Ohio Pow pf (6)	111 1/2	111 1/2	111 1/2	111 1/2	111 1/2	111 1/2	111 1/2	111 1/2	111 1/2	100
104 1/2	Ohio P S 6% pf (6)	99 1/2	99 1/2	99 1/2	99 1/2	99 1/2	99 1/2	99 1/2	99 1/2	99 1/2	200
104 1/2	Ohio P S pf (7)	99 1/2	99 1/2	99 1/2	99 1/2	99 1/2	99 1/2	99 1/2	99 1/2	99 1/2	110
14 1/2	Oilatska (.40a)	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	300
14 1/2	Oilatska (.40a)	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	300
14 1/2	Oilatska (.40a)	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	300
106 1/2	Oilatska Nat Gas	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	1,800
6	Oklahoma Nat Gas	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	1,500
106 1/2	Oklahoma Nat Gas	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	1,500
6	Oklahoma Nat Gas	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	1,500
10 1/2	Oldetidey Int	28	28	28	28	28	28	28	28	28	2,200
32 1/2	Overseas Sec (.70g)	30 1/2	30 1/2	30 1/2	30 1/2	30 1/2	30 1/2	30 1/2	30 1/2	30 1/2	200
32 1/2	PAC Gas E 1st pf (1 1/2g)	30 1/2	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2	29 1/2	1,200
107 1/2	Pac Pub Svc pf (6)	103 1/2	103 1/2	103 1/2	103 1/2	103 1/2	103 1/2	103 1/2	103 1/2	103 1/2	25
8 1/2	Pac Pub Svc	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	200
54 1/2	Pac Tin apf (2a)	29	27	27	27	27	27	27	27	27	1,400
28 1/2	Pan-Am A (.1g) xd	18	16 1/2	17	17	17	17	17	17	17	1,600
30 1/2	Park B & E (1.60a)	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15,100
12 1/2	Perkins Gr B	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	300
5 1/2	Pennrod (.35g)	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	4,000
112 1/2	Pennrod P S E (6)	85	85	85	85	85	85	85	85	85	60
113 1/2	Pe Power & Light 7% pf (7)	88 1/2	88 1/2	88 1/2	88 1/2	88 1/2	88 1/2	88 1/2	88 1/2	88 1/2	100
179 1/2	Pe Salt (.85g)	149 1/2	140 1/2	142	142	142	142	142	142	142	225
95 1/2	Pe Water & Power (1 1/2g)	72	72	72	72	72	72	72	72	72	200
151 1/2	Pepperell (6a)	75	73	73	73	73	73	73	73	73	250
6 1/2	Phila Company (1g)	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	2,200
20 1/2	Phila Company (1g)	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	200
2 1/2	Phillips Packing	4	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	1,300
13 1/2	Phoenix Sec (.4g)	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	4,100
11 1/2	Phoenix Sec (.4g)	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	100
33 1/2	Pioneer Governor (.60)	17	14 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	1,000
6 1/2	Pioneer Gold (.40)	3 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	7,900
9 1/2	Pittsburgh-Bowls (.40g)	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	800
116 1/2	Pittsburgh Forge	61 1/2	61 1/2	61 1/2	61 1/2	61 1/2	61 1/2	61 1/2	61 1/2	61 1/2	500
147 1/2	Pittsburgh Forge	61 1/2	61 1/2	61 1/2	61 1/2	61 1/2	61 1/2	61 1/2	61 1/2	61 1/2	500
77 1/2	Pittsburgh Plate Glass (.65g)	87 1/2	86	87 1/2	87 1/2	87 1/2	87 1/2	87 1/2	87 1/2	87 1/2	2,200
2 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	200
6 1/2	Pleasant Valley Wine (.15g)	1 1/2</									

1937		Stock and Dividend				Net		
High.	Low.	in Dollars.		High.	Low.	Last.	Chge.	Sales.
12%	4	Spene Shoe (1.20g)		4%	4%	4%	+ %	300
14%	14	Stahl-Sayer		1%	1%	1%	+ %	600
23%	14	Tampco Brew		17%	17%	17%	+ %	200
27	16	Std C & S cv pf (1.60)		18%	18	18	- %	300
63%	9%	Slamd Inv pf (1)		14	14	14	- %	100
14%	14	St Oil Ky (1a)		18	17%	18	+ %	1,000
15	15	St Oil Ohio pf (5)		21%	20%	20%	+ %	50
105%	99%	St Pow & L E		99%	99%	99%	+ %	100
7%	7	St Pow & L B		1%	1%	1%	- %	2,300
25	1	Stand Sil-Lead		8%	7%	7%	- %	100
10	10	Starrett Corp vtc.		3%	3	3	+ %	1,900
13%	3	Sterehi Br Sts (.45c)		4%	4	4	+ %	1,300
29	29	Steri Al Fr (1.20g)		2%	2%	2%	- %	100
13%	4%	Steri Brew (.40g)		4%	4%	4%	+ %	100
7%	2	Sterling Inc (.20) xd		3	2%	3	- %	700
7%	7	Stetson (J B)		8	8	8	- %	125
10%	10%	Stroock & Co (2)		11%	11	11	- %	200
28	28	Sullivan Mach		8	8	8	- %	3,200
31	31	Sunray Oil cv pf (2%)		35%	34%	34	- %	300
98	98	Swiss-Am El pf (1.5g)		111%	115	116%	+ 2%	15
16%	3%	TAGGART		5	4%	5	+ %	500
23%	23	TAMMART EL (2.24)		28%	28	28	- %	600
2%	2	Tastycast E A		1%	1%	1%	- %	1,000
5%	5	(Tart) Kist Dist		1%	1%	1%	- %	600
34	14	Technicolor (.5g)		21	19	19	- %	10,800
112	14	Teich-Hughes G (.40)		101%	101%	101%	+ 2%	3,100
7%	7	Texon Oil (.60)		4%	4%	4%	- %	500
25%	9	Theow Shovel (.45c)		11%	10%	11	- %	350
18%	18	Tilo Roof (1a)		8%	8%	8	- %	2,900
14%	14	Toh Sec Ltd (.653z)		15%	15%	15%	- %	300
74	32%	Todd Ship (2a)		54	51%	51%	- 1%	20
10%	10	Toledo Edi pf pf (7)		95%	94%	95%	+ %	20
115	95	Tonopah Belm		103	103	103	+ %	10
2	2	Tonopah Min (.03g)		1%	1%	1%	+ %	3,000
5%	1%	Trans-Lux (.20a)		3%	3	3	- %	1,100
13%	13	Tranwest Oil		6%	6%	6%	- %	1,600
31%	31	Tri-Cont War		11	8%	9%	- 1%	2,500
86	25	Tubize Chat A (4g)		34	31	31	- %	500
11%	11	Tung-Sol Lamp (.40g)		3%	3	3	+ %	600
13%	13	Tung-Sol Lamp pf (.50) xd		7%	7	7	- %	400
6%	1%	ULEN & CO .5% pf.		2%	2%	2	- %	100
18%	11%	Unit G Can (.80)		14%	14%	14%	- %	200
30%	30	United Air war		12	10%	11	- %	3,100
13%	1	Unit Chem		4	4	4	+ %	100
1%	1	Unit Clg-Wb Strs		1%	1%	1%	- %	1,700
124	78	Unit Gas pf (7)		98	95	95	- 3	600
3%	3	Unit Gas war.		1%	1%	1%	- %	1,600
11%	11	Unit Li & E pf (7)		3%	2%	2%	- %	11,800
11%	11	Unit Li & Fow B		4%	4%	4	- %	200
75%	14%	Unit Li & P cv pf		24%	22%	22%	- 2%	5,500
253	22%	Unit Mil Fr (.15c)		19%	19%	19	- %	25
7%	7	Unit Prof Sh (.20g)		2%	2%	2	- %	1,100
96%	4%	Unit Shipys A		2%	1%	1%	- %	800
96%	63	Unit Spec E (.50g)		7%	7%	7	- %	1,000
13%	47	U S & I Special (1.40)		6%	5%	5%	- %	500
18%	4	U S & I See pf (1.4k)		58	55%	56	+ 1	200
4%	4	U S Foli B (.56g)		6%	6	6%	- %	1,100
16%	16	U S Radiat pf		1%	1%	1	+ %	1,000
14%	14	U S Rub Reel		3%	2%	3%	- %	500
1%	1	U S Stores		1%	1%	1	- %	100
14%	14	United Stores vtc		1%	1%	1	- %	100
1%	1	Unit Air Nor M (.50g)		1%	1%	1	- %	100
6	6	Unit Wall P (.15g)		2%	2%	2	- %	3,100
31	14	Unitv Corp vtc		3%	3%	3%	- %	200
80%	84	Utah P & L pf (.408g)		43	42	42	- 1%	2,750
28%	11%	Utl F & L pf		17	1%	16	- 1	1,400
2	2	Utility & Ind.		1%	1%	1	- %	200
6%	6	Utl & Ind pf		2%	1%	2	- %	100
9%	9	Utility Equip		4%	4	4	- %	300
89%	40%	Utl Equip pf		43	41	41	- 2%	550
10%	2	VALSARP CORP.		2%	2%	2%	- %	400
73	73	Valsarp Corp T (2.20g)		40%	37%	39%	+ 1%	325
12%	12	Van Nor M (.50g)		15%	15	15	- %	2,500
3%	3	Venezuel Pet		1%	1%	1	- %	100
100	72%	Virg Pub Svc pf (7)		77%	77%	77%	+ 2%	50
18%	6%	Vort Mfg (1.45c)		6%	6%	6	- %	100
10	1%	WACO AIRC		3%	3	3%	+ %	200
23	10	Wagner Bak (1.60)		11	10	10	- 1	400
4%	4	Walker Min (.05g)		1%	1%	1%	- %	900
105%	4%	Weibh B Br (.40)		5%	5%	5	- %	300
13%	13	Wentworth Oil (.05g)		6	6	6	+ %	300
7%	7	West Va C & C		2%	2%	2	- %	300
5%	5	West Va Exp		4%	3%	3%	- %	700
11%	6%	Weyb'rd Mid Ist pr (7g)		71	71	71	- 4	10
12%	12	Wms Oil-O-M (.5g)		4%	3%	4	+ %	100
1%	1	Will-Low Caf pf		1	1	1	- %	400
24	24	Willow Jones (.5g)		9%	9	9	- 1	200
18%	4%	Wolverine Tut (.40g)		6%	5%	5	- %	1,300
12%	5	Woolley Pet (.40)		6%	6	6	- %	500
8%	8	Wright Hang (.40a)		8	7%	7%	+ %	1,700
4%	1%	YUKON G (.21g)		2	1%	1%	- %	1,700
* In bankruptcy or receivership or being reorganized under the Bankruptcy Act. Securities assumed by such companies.								
+ Stocks + no marked are fully listed on the Curb Exchange. All others are dealt on an unlisted trading basis.								
Rates of dividends in the foregoing table are annual disbursements on the last quarterly or semi-annual declaration. Unless otherwise noted, all dividends are extra or extra. Declared, xd Extra dividend. xr Extra special dividend. Not included, n Not included. p Paid for this year, no regular rate. f Payable in stock or paid declared yearly. h Cash or stock. k Accumulated dividend paid or declared yearly. w Under rule. ww With warrants. xw Without warrants. war Warrants.								
DOMESTIC BONDS								
Range '37				Sales		Net		
High.	Low.	in 1000s.		High.	Low.	Last.	Chge.	
104%	102	ABBOTT DAI 6s 42		102	102	102		
108%	96%	Aia Pow 5s 46		37	98%	96%	96%	
99%	75%	Aia Pow 5s 51		21	92%	85	85	- 7
95	71	Aia Pow 4 1/2 57		6	82%	79	79	- 4
105%	86	Aia Pow 5s 56		32	88%	86	86	- 5
106%	104	Am G & E 5s 2028		114	108%	107%	108	
106%	104	Am G & L 6s 2016		116	104%	74%	75%	- 4%
106%	103%	Am Rad 4 1/2 47		27	11%	10%	10	- 2%
108%	79	Am Sent 5s 46 stp.		4	87%	87	87	- 2%
107%	103%	Appal El Fw 5s 56		52	104%	104%	104	- 4%
115%	109	Appal Fw 5s 56		20	107	106%	106	- 2%
119%	109	Appal Fw 5s 56 1/2 A		21	112	112	112	- 2%
102%	98	Ark Lou Gas 4s 51		1	102	102	102	+ %
104%	89	Ark F & L 5s 56		63	95	91%	91%	- 3%
83%	55	As Steel 4 1/2 53		50	40%	36%	36%	- 2%
83%	55	As G & E 5 1/2 38 IC		13	76	72	72	- 6
83%	55	As G & E 5 1/2 38 IC reg.		1	71	71	71	- 6
86%	22%	As G & E 5s 50		32	23%	29%	29%	- 2%
69	32	As G & E 5 1/2 77		38	32	33	33	- 3%
62%	23%	As G & E 4 1/2 48		49	30%	29%	29%	- 2%
62%	23%	As G & E 4 1/2 48 reg.		1	26%	26%	26%	- 2%
61%	24%	As G & E 4 1/2 49 C		20	26%	26%	26%	- 2%
81%	82%	Atlantic Gas 4 1/2 55		13	71%	76	76	- 3%
105%	92%	Atlantic Gas 4 1/2 55		5	94%	94%	94%	- 4%
74	59	Baldwin LOC 6s 50		120	73	70%	70%	- 2%
124	113	Bell Tel Cn C 5s 55 A		34	114%	113%	113%	- 2%

\* In bankruptcy, or receivership or being reorganized under the Bankruptcy Act, or securities assumed by such companies.  
† Stocks so marked are fully listed on the Curb Exchange. All others are dealt on an unlisted trading basis.  
‡ Percentages of dividends in the foregoing table are annual distributions of quarterly or semi-annual dividends.  
§ Dividends based on the last quarter of the preceding year. Unless otherwise noted, special or extra dividends are not included.  
|| Ex dividend, ex Ex rights, a Also extra or extras. † Declared last year. ‡ Paid for regular rate. † Payable in stock. ‡ Paid in cash or stock. § Accumulated. ¶ Paid or declared this year. † Under rule. §§ With warrants. ‡ Without warrants. war Warrants.

Range '37	High.	Low.		Sales	High.	Low.	Net
				in 1000s.			Change
125	114%		Bell Tel Can 5s 60 C	2	121%	121%	121%
95	128%		Beth Stl 6s 98	16	130	130	130
146	73%		Birmingham El 4 1/2s 68	20	85	82%	82%
97	137%		Birmingham P Gas 5s 59	2	82	82	82
101%	83%		Broad Riv P 5s 54	3	87	87	87
104%	101		CAN NOR P 5s 53	7	103%	103	103%
114	102		Can Pac 6s 42	48	108%	108%	107
105%	102		Can Pac 6s 42	54	108	108	108
115	111%		Cedar Rap Mfg 5s 53	5	114%	114	114%
105	99		Can III P S 5s 56 E	17	101	99%	99%
103%	97%		Can III P S 5s 56 E	30	99%	98%	98%
104%	86%		Can III P S 5s 56 E	55	92%	92%	92%
104%	86%		Can Ohio L & P 5s 50	1	94	94	94
99	73		Can P & L 5s 56	75	89%	87%	87%
92	85		Can P & L 5s 56	8	70%	68%	70%
72%	31		Can St El 5s 48	46	38%	37	37
72%	31		Can St El 5s 48	46	38%	37	37
75%	33		Can St P & L 5s 53	56	46%	45	46
104%	104		Ch Dist E & S 5s 50	31	106	106%	106
100	91%		Ch Dist E & S 5s 50	31	94	94	94
110	105%		Chi J Ry & U S 5s 40	1	106%	106%	106%
84	39%		Chi Ry cod 5s 57	20	82%	48	48
101%	86		Ch St Ry 5s 52	12	86%	86	86
83	42		Cities Sav 5s 50	1	84	84	84
103	88		Cities Sav Gas 5s 42	65	99	97	98
104	92		Cities Sav G Pipe 6s 43	16	102	101	102
103	92		Cities Sav G Pipe 6s 43	21	53	48%	50%
79%	36%		Cities Sav Pow 5s 52	66	33%	49%	50
113%	110%		Comwlth Ed 5s 53 A	7	113	112%	112%
112%	107%		Comwlth Ed 4 1/2s 56 C	3	112%	112	112
112%	107%		Comwlth Ed 4 1/2s 57 D	3	112%	107%	111%
107%	107%		Comwlth Ed 4 1/2s 57 D	30	107%	107	107
107%	100%		Comwlth Ed 4 1/2s 57 D	25	106%	106%	106%
104%	99%		Comwlth Sub 5s 48 A	33	103%	103%	103%
90%	56		Commun P & L 5s 57	23	67	62%	62%
105%	98%		Contra Pub 5s 50	1	99	94	94
125%	118		Con G E L Balt 3 1/2s 71	28	105%	104	104%
108%	105		Con G Balt 4 1/2s 54	12	122	121%	122
108%	105		Con G Balt 5s 39	6	106	105%	106
108%	105		Con G Balt 5s 39	6	106	105%	106
98%	60%		Con G Balt 5s 39	1	64	61	61
104%	99%		Crucible St 5s 40 A	27	72	72	72
105%	98%		Crucible St 5s 40 A	27	103	102%	102%
105%	98%		DEL EL POW 5 1/2s 59	8	103	102%	102%
109%	106		Deaver G&E 5s 49	8	109%	109	109
107%	97		Det C Gas 6s 47 A	6	105%	105	105%
106%	97%		Det C Gas 6s 50 B	50	102%	101%	101%
12%	4		Det Int Br 6 1/2s 52	10	4%	4%	4%
12%	3		Det Int Br 6 1/2s 52 ct	6	4	3%	4
95%	64		EAST G&F 4s 56 A	7	91	77	72%
100	100%		Edison El Illu 3 1/2s 65	51	108	107%	107%
100	100		Edison El Illu 3 1/2s 65	51	108	107%	107%
96%	57%		Elec P&L 5s 2030	1	102%	101%	102%
103%	84		Empire Dis E 5s 52	166	90	88%	88%
93%	65		Emp O & E 5 1/2s 42	32	78	76%	76%
105%	103		Eric Ltg 5s 67	22	104%	103%	103%
93%	62		FED Water 5 1/2s 54	13	70	67	67
105%	102%		F	5	104	103%	104
105%	103		F	14	104	103	103
160%	72		Fia P & L 5s 54	59	86%	84%	84%
101%	82		GARY E & G 5s 44 st.	17	89	87%	89
104%	99		Gatin P 5s 56	80	104%	103%	104
102%	96		Gatin P 5s 41	2	101%	101%	101%
96	101%		Gatin P 5s 41	2	101%	101%	101%
101	71		Gen Bronze 6s 40	18	87	83%	83
104%	82		Gen Pub 5s 53	3	85	83	83
99%	58		Gen Pub Ut 6 1/2s 56	23	73%	70	72
70%	73		Gen Rayon 6s 57 D	1	75	75	75
97	72%		Gen Rayon 6s 57 D	3	77	73%	73%
105%	74		Geo Pow 5s 67	81	87%	83%	83%
88	58		Geo P & L 5s 78	3	63	62%	63
89%	60		Glen Ad Coal 4s 65	15	71	70	70
89%	54%		Glen Ad Coal 4s 65	13	69	59%	59%
105	58		Grand Trunk 4s 50	12	92	92	92
107%	106%		Great Nor P 5s 50 St.	3	107%	107	107
94%	60		Groc St Prod 6s 45	2	60	60	60
75%	28		Guav Inv 5s 48 A	12	36	34	34
107	102		HACK Water 5s 7t A.	5	106%	106	106
102%	76%		Hall Fr 6s 47 A st.	5	84%	80	80%
103%	81		Harbor P & Co 4s 46	12	88	83%	83%
103%	95%		Hou Gulf G 6s 43	6	95%	95	95
105%	97		Hous Gulf G 6s 43	6	103	102%	103
85%	60		Hygrade Fl 6s 49 A	1	62%	62%	62%
108	106		ILL NOR UT 5s 57	4	107%	107%	107
104%	79		Ill Pow & L 5s 56 C	123	90%	88%	88%
99%	74		Ill Pow & L 5 1/2s 57	18	80	80	80
106%	84%		Ill Pow & L 6s 53	34	99%	98	98
101	71		Ind & Mich 5s 55	17	107%	107%	107
107%	105%		Ind & Mich 5s 55	2	107%	107%	107
111%	109%		Ind & Mich 5s 57	3	111%	111	111
105	82		Ind El 6s 47	2	86%	86%	86%
105%	82%		Ind El 6s 47	2	86%	86%	86%
99	70		Ind E 5s 51 C	19	91	91	91
108%	106%		Ind Gen Svc 5s 48	1	108%	108%	108%
101	77%		Ind Hyd El 5s 58	1	80	80	80
76%	45		Ind Svc 5s 50	12	57%	55	55
78	45		Ind Svc 5s 50	12	57%	55	55
82%	43		Indnapns 5s 52	5	63%	56	56
106%	103%		Ind P & L 5s 57 A	89	106	105%	105%
83%	53		Int P Sec 7s 57 E	7	60%	57	60
97	53%		Int P Sec 7s 57 E	38	59%	57	57
109	105		Int Salt 5s 51	12	107%	107	107
69%	18		Inters Pow 6s 52	10	28%	27	27
76%	32		Inters P Svc 5s 56 D	24	72%	43%	46%
96	62		Inters P Svc 5s 56 D	24	72%	68	68
88%	58%		Inters P Svc 4 1/2s 58	25	69%	68	68
104%	92		Is-Neb L & P 5s 57	18	96%	96	96
104%	92		Is-Neb L & P 5s 57	18	96%	96	96
106%	104%		It P & L 4 1/2s	25	95	95	95
105%	98%		It Pub Svc 5s 57 A	13	102%	102	102
71	32%		It Sup F W 6s A 63	111	41%	39	40
105%	99		JER C P & L 4 1/2s 61 C	55	105	104%	104%
106	103		Jer Cen P & L 5s 47 B	31	106	104%	104%
121%	110%		KAN G & E 6s 2022 A	2	114%	114%	114%
104%	98		Kan P 5s 47	2	104%	100	100
107%	93		Ky Utl 6 1/2s 45 D	8	97	95	97
103%	85		Ky Utl 5 1/2s 55 F	1	87	87	87
99%	85%		Ky Utl 5s 69 I	8	79	77%	78%
99%	85%		Ky Utl 5s 61 H	8	78%	77%	78
101%	93		LAKE S D P 3 1/2s 66 A	9	95	94	94
111%	99%		Lehigh P S 6s 2026 A	50	101%	101	101
106	101%		Lib Mat L 5s 52	21	86%	85	85
107	91		Long Isl L 6s 45	20	97	95	97
106%	102%		Lou P & L 5s 57	22	104%	104	104%
105	75		MANITOBA P 5 1/2s 51 A	2	79%	79%	79%
101	76		McCord R 6s 43	4	83	82	82
101	95%		Marion Res P 4 1/2s 52	5	98%	98%	98%
104	79%		Memph P & L 5s 48	6	79%	79%	79%
111	97%		Midland Val 5s 47	27	97	97	97
106%	87%		Milw G L 4 1/2s 67	17	95	95	95
102%	85		Minn P & L 4 1/2s 78	30	92%	91%	91%
99%	85		Miss P & L 5s 57	10	99%	99	99
100%	78		Miss P & L 5s 57	10	99%	99	99
110	107		Miss Pow 5s 55	16	74%	72	72
100%	90		Mnt-Dan Riv P 5s 51	22	109%	109	109
100%	90		Mnt-Dan Riv P 5s 51	22	109%	109	109
14%	24		Mnt-Dan Riv P 5s 51	22	109%	109	109
107%	71		NAT P & L 6s 2026 A	12	86	80%	83
97%	66%		Nat P & L 5s 2030 B	44	78%	44	44
51	44		Nat Pub 8 5s 78 ct.	28	44	44%	44
110	106%		Nebrr P 4 1/2s 81	17	109%	108%	108%
106	85		Neisner Bro 6s 48	1	89	89	89
204%	91		New Amst Gas 5s 49	3	116%	116%	116%
121%	113		New Amst Gas 5s 49	3	116%	116%	116%
84%	44		N Eng G & E 5s 50	121	56%	50	51
85	45		N Eng G & E 5s 48	23	56	50	51
84%	45		N Eng G & E 5s 47	80	57%	51	52
102%	20%		N ENG P 5s 54	40	57%	51	52
102%	20%		N ENG P 5s 54	40	57%	51	52
107%	71		NAT P & L 6s 2026 A	12	86	80%	83
97%	66%		Nat P & L 5s 2030 B	44	78%	44	44
51	44		Nat Pub 8 5s 78 ct.	28	44	44%	44
110	106%		Nebrr P 4 1/2s 81	17	109%	108%	108%
106	85		Neisner Bro 6s 48	1	89	89	89
204%	91		New Amst Gas 5s 49	3	116%	116%	116%
121%	113		New Amst Gas 5s 49	3	116%	116%	116%
84%	44		N Eng G & E 5s 50	121	56%	50	51
85	45		N Eng G & E 5s 48	23	56	50	51
84%	45		N Eng G & E 5s 47	80	57%	51	52
102%	20%		N ENG P 5s 54	40	57%	51	52
102%	20%		N ENG P 5s 54	40	57%	51	52



## Transactions on the New York Curb Exchange—Continued

Range '37	High	Low	Sales	High	Low	Net
High	Low	in 1000s	High	Low	Chge.	
92	60	N Ori P S 6s 49 A	22	71 1/2	66 1/2	67 - 1/2
95 1/2	85	N Ori P S 5s 42 st	17	91	89 1/2	91 + 1 1/2
113 1/2	110 1/2	N Y & West L 1/2 5s 54	1	112 1/2	112 1/2	112 1/2
104 1/2	100	N Y & West L 1/2 5s 2004	1	104	104	104
104 1/2	98 1/2	N Y Cen E 1/2 5s 50	5	98 1/2	98 1/2	98 1/2
108 1/2	104 1/2	N Y Cen E 1/2 5s 67	50	107 1/2	107 1/2	107 1/2
104 1/2	90	N Y St E & G 1/2 5s 80	28	97 1/2	95	96 1/2
100 1/2	75	Nor Am L & P 1/2 5s 56	4	75 1/2	75 1/2	75 1/2
69 1/2	35	Nor Con N 1/2 5s 48 A	15	35	36	37 - 1
108 1/2	106 1/2	Nor Ind G & E 6s 52	2	108	108	108 + 1/2
105 1/2	95	Nor Ind Pub S 5s 69	15	100	99	99
107 1/2	95	Nor Ind Pub S 5s 66 C	22	100	99	100 + 1/2
104 1/2	89 1/2	Nor Ind P S 1/2 5s 70	26	93	91 1/2	93 - 1/2
105 1/2	81	Norwest E 1/2 5s 45 st	16	104 1/2	103 1/2	103 - 1/2
105	81	Norwest P S 5s 57	7	89 1/2	88	89 1/2 + 1/2
111 1/2	101 1/2	OGDEN GAS 5s 45	17	104	103 1/2	104
108 1/2	104 1/2	Ohio Pow 5s 52 B	4	107 1/2	107 1/2	107 + 1
106 1/2	103	Ohio Pow 4 1/2 5s 5 D	8	106 1/2	105 1/2	106 - 1/2
108 1/2	79	Okla Nat Gas 5s 46	23	92	89	89 - 2 1/2
100 1/2	92	Okla N G 1/2 5s 51 A	47	96 1/2	96 1/2	96 1/2
100	72	Okla P & W 5s 48	2	77	75	77 - 3
108	102	PAC COAST POW 5s 40	8	103	103	103 - 1/2
119	113 1/2	Pac G & E 6s 41 B	10	116 1/2	116 1/2	116 1/2
102 1/2	84	Pac Inv 5s 48 A	1	87	87	87
93 1/2	51	Pac P & L 5s 55	3	66 1/2	65	65 - 1 1/2
38	30	Park Lex 5s 64	7	34 1/2	32	32 1/2 + 1/2
105 1/2	83	Pen Cen P & L 1/2 5s 77	39	88	86 1/2	88 + 1
103	84 1/2	Pen El 4s 71 F	3	86 1/2	86 1/2	86 1/2
108	80	Pen-Oh Ed 5s 59	33	89 1/2	89 1/2	89 1/2
109	105	Pen Pub S 6s 47 C	10	107 1/2	107 1/2	107 1/2
106 1/2	100 1/2	Pen Pub S 5s 54 D	1	103 1/2	103 1/2	103 1/2 + 1
111 1/2	107 1/2	Pen Wat & F 5s 40	1	108 1/2	107 1/2	107 1/2
100	76	Pro Gas L & C 4s 51 B	21	91	89 1/2	89 1/2
30 1/2	5 1/2	Peop L & P 5s 79	14	9	8 1/2	8 1/2 - 1 1/2
113	102 1/2	Phila El P 5s 72	9	112 1/2	111 1/2	112
99 1/2	73	Phila Rap Tr 6s 62	1	78	78	78
77	52	First E 6s 60 A	12	60 1/2	58	58 1/2 + 2 1/2
85	56	Portland G & C 5s 40	5	58	58	58 + 1/2
108	105 1/2	Potomac Ed 5s 56 E	4	107 1/2	106 1/2	107 1/2
81	57	Potomac Sug 7s 47 st	2	65	65	65 + 5
104	96	Pw Cor Can 4 1/2 5s 5 B	15	104 1/2	104 1/2	104 1/2
108	100	Pub S N 1/2 5s 78 D	15	104 1/2	104 1/2	104 1/2
112 1/2	107 1/2	Pub S N 1/2 5s 56	4	111 1/2	111 1/2	111 1/2
106	103 1/2	Pub S N 1/2 5s 66 C	1	106	106	106 + 1/2
104 1/2	101	Pub S N 1/2 5s 80 E	1	104 1/2	104 1/2	104 1/2
104	100 1/2	Pub S N 1/2 5s 81 F	1	104 1/2	104 1/2	104 1/2
106	102	Pub S N 1/2 5s 60 I	7	106	104 1/2	106 + 1
147	128 1/2	Pub S N 1/2 5s 66 J	29	133 1/2	132	133 1/2 + 1 1/2
105 1/2	94	Pub S N 1/2 5s 66 A	31	100 1/2	100	100 - 1 1/2
98 1/2	60 1/2	Pub S N 1/2 5s 66 B	116	69 1/2	64	64
96	57	Pub S N 1/2 5s 66 C	14	65 1/2	63	63 - 2
92 1/2	54 1/2	Pub S N 1/2 5s 66 D	12	63	59	59 - 3 1/2
109 1/2	104 1/2	SAFE HAR W 4 1/2 5s 79	13	109 1/2	109	109
15 1/2	7	St L Gas & C 6s 47	22	11 1/2	11	11
107	100 1/2	San Ant P S 5s 58 B	13	103 1/2	103 1/2	103 1/2

## U. S. Steel's Income Highest Since 1930

Continued from Page 173

to which reference was made in the report for the third quarter of 1937 continued during the last three months of the year, reaching the lowest level in December, in which production was only 32.3 per cent of capacity.

This serious interruption in activities of the mills created many difficult operating dislocations and intensified the falling off in earnings arising wholly from lesser volume. Finished product output for the fourth quarter averaged 41.3 per cent of total capacity, compared with 73.6 per cent in the previous quarter and 85.5 per cent during the first six months of the year. For the entire year 1937 the average was 71.4 per cent, or better than any year since 1929, with an average of 89.2 per cent.

Shipments of steel products during the fourth quarter were 1,868,621 tons, a decline from the previous quarter of 44.1 per cent. For the full year 1937 shipments totaled 12,825,467 tons, or at the rate of 71.5 per cent of capacity. Shipments in 1937 exceeded those of 1936 by 18.5 per cent. At the present time shipments to customers are around 32 per cent of capacity.

Despite a poor fourth quarter, earnings for the entire year rose sharply to the highest level since 1930. Net income amounted to \$99,930,836, equivalent to \$8.58 a share on 8,703,252 shares of common stock after preferred dividend requirements for the period.

Of the net income, 57 cents a share, or \$5,000,000, was set aside to provide for Federal surtaxes on undistributed profits, leaving a balance of \$8.01 a share after such tax. Since the company paid off \$33,326,002 (or \$9.25 a share) of remaining preferred dividend arrears and \$5,703,252 (or \$1 a share) on the common stock, in addition to the regular twelve months' preferred dividends of \$25,219,677, the balance carried to surplus after providing for surtaxes on undistributed profits was \$27,681,905.

In 1936 the net income was \$50,583,356, equal after preferred dividend requirements to \$2.91 a share on the common stock. After paying \$14 a share on the preferred stock, of which \$7 was for arrears, \$144,002 was carried to surplus. The 1936 net income was after \$215,544 provision for surplus taxes, so that the comparable figures for the common stock are \$8.01 for 1937 and \$2.91 for 1936.

In 1930 the net income was \$104,421,571, or \$9.12 a share on the common stock. From 1931 to 1935, inclusive, deficits were reported after preferred dividend requirements and from 1932 to 1934 the corporation's charges were not earned.

TABLE I. QUARTERLY AND ANNUAL EARNINGS

	1937	1936
*Net earnings	\$18,716,056	\$36,594,063
Depreciation, etc.	13,568,039	14,821,658
†Sundry adjustments	655,366	110,393
Balance after charges	\$5,903,383	\$21,882,798
Int. charges of sub.	1,222,038	1,228,655
Int. charges of corp.	3,362	3,363
Net income	\$4,577,983	\$20,650,780
Prov. for surplus tax	500,000	—
Balance for dividends	\$4,077,983	\$20,650,780
Preferred dividends	6,304,920	6,304,919
(Deficit) or balance for common	(\$2,226,937)	\$14,345,861

FULL YEAR

	1937	1936
*Net earnings	\$105,906,342	\$112,380,082
Depreciation, etc.	61,029,687	56,808,360
†Sundry adjustments	186,300	—127,607
Balance after charges	\$105,062,955	\$55,444,115
Int. charges of sub.	5,118,669	4,904,981
Int. charges of corp.	13,450	13,450
Net income	\$99,930,836	\$50,525,684
Prov. for surplus tax	5,000,000	—
Balance for dividends	\$94,930,836	\$50,525,684
Pf. dividend arrears	33,326,002	25,219,677
Pf. dividends for year	25,219,677	25,219,677
Balance for common	\$36,385,157	\$186,330
Common dividend	8,703,252	—
Surplus	\$27,681,905	\$186,330

\*Earnings and income after deducting all expenses, including reserves for contingencies and for estimated State, local and Federal taxes other than Federal surtaxes on undistributed profits for 1937, after provision for such surtaxes for 1936.

†Net profit from disposal of sundry property assets and securities and sundry adjustments, credits, except where indicated as a debit (full year 1936).

‡Unidentified amount deducted before preliminary net earnings shown; in final audited report for 1936 such surplus tax was stated at \$215,544 and the amount carried to surplus after preferred dividends was \$144,002. Final net income was \$50,583,356 after surtax. A revised fourth-quarter report for 1936 shows net income of \$20,708,451 after surplus profits surtax of \$215,544. Final net earnings were \$36,385,157 for the fourth quarter and \$112,380,082 for the calendar year 1936. Preliminary figures are used to provide further comparisons pending issuance of annual report with full adjustments.

The directors declared last Tuesday a preferred dividend of \$1.75 a share, payable on Feb. 19 to stock of record of Jan. 28, but took no action on a dividend on the common stock.

Mr. Taylor's report continued as follows:

In the year 1937 the total capital outlays for modernization and rehabilitation

of plants, additional facilities and equipment and for payment of maturing bonds and other capital obligations of the subsidiary companies totaled approximately \$133,600,000.

At this date the unexpended balance on authorized appropriations for the rehabilitation of productive facilities necessary through the substitution of modernized equipment in replacement of worn-out or obsolete units and for new installations is about \$80,000,000, all of which is scheduled for expenditure in 1938.

Net working assets of the corporation and the subsidiaries, before deduction of dividends declared and unpaid, were at the respective dates named as follows: Dec. 31, 1935, \$389,123,253; Dec. 31, 1936, \$391,330,565; Dec. 31, 1937, \$372,334,000 (preliminary).

## Russian Industrial Organization

Continued from Page 165

flect the present inefficiencies of the system as well as the heavy toll exacted by the government in taxes.

The preceding list of prices is taken from various retail stores in Leningrad and Moscow during July 24 to 27, 1937. Economists will have difficulty in aligning this corporate arrangement with the theories enunciated by Karl Marx. The only place where Karl Marx has been dogmatically followed is in the socialization of all industry. The "liquidation" of private enterprise in Russia is a story that makes weird reading. Manufacturers and merchants were asked to hand over to the Soviet the keys to their businesses and homes and then, in place of utilizing their skill, they were treated as "class enemies" who had "exploited" labor for profit. The liquidation of private enterprise also destroyed the household production of the peasants, which had played an important part in supplying consumer goods in pre-Soviet days. There are authorities who assert that present Soviet factory production, in spite of astronomic increases since the Czarist days, does not measure up to total production of the pre-Soviet days because the factories have not yet caught up with the immense amount of home output by the 166,000,000 peasants, fully 77 per cent of the population, which has been destroyed.

But while Russian communism has fully lived up to the Marxian dogma of social-

At the close of the year approximately 236,000 employees were on the payroll, this being the low point of the year. August showed the greatest number at work, with 278,000 employees. The reduced activities have necessitated to a material extent resorting to part-timing and alternating of service time of individual employees, thus giving to the largest number practicable a share in the available work. Naturally this plan reduces the average number of hours worked per employee.

The total payroll in 1937 was \$442,929,918, with an average of 261,293 employed at average earnings of 86.4 cents an hour. In 1936 the payroll was \$338,866,121, the average number of employees 222,372 and average earnings an hour 73.7 cents.

izing industry, it is difficult to see how Marx's "surplus value" has finally been turned over to the worker. According to Marx, surplus value is the value of the laborer's production of which he is robbed by the capitalistic system. It is paid out in the form of profit, rent and interest. It rightfully belongs to the worker. The three payments, profit, interest and rent, are methods of exploiting the worker. Obviously, industries in Russia pay interest and profit to the government. The worker in the Soviet shoe-production trust has far less to say about his wages and the conditions under which he works than workers in similar factories in capitalistic countries.

Economic rent also exists in Russia, as will be made clear when we examine the agrarian policy of the Soviet. In fact, Russian Communists tend to apologize for their form of communism as a transitional stage, one that is ultimately leading to the true faith. But even this thesis does not hold when examined in the light of events that are taking place. Certainly there is much validity to the argument of Trotsky that the influence of the State is not "withering" away in Russia as it should according to orthodox Communistic doctrine. On the contrary, its power and influence are growing. Probably no country in the world wields such influence today over the lives and actions of its people as does the dictatorship in Russia through its enormous government-owned trusts.



Week Ended

## Transactions on Out-of-Town Markets

Saturday, Jan. 22

## DEAN WITTER &amp; CO.

MUNICIPAL AND CORPORATION BONDS  
Members New York Stock Exchange  
San Francisco Stock Exchange San Francisco Curb Exchange  
Tel. Barclay 7-4300 14 WALL ST., NEW YORK TWX Call NY-1-579  
Direct Private Wires.  
SAN FRAN. LOS ANGELES SEATTLE PORTLAND HONOLULU

## San Francisco Stock Exchange

Quotations are for week ended  
Friday, as prepared by the Ex-  
change.

## STOCKS

Sales. High. Low. Last.

1,120 Alaska Jun. 13 1/2	12 1/2	13 1/4
571 Ang Cal Nat	18	18
Bank S F 19	18	18
305 Atlas Imp	8 1/4	8 1/4
Diesel E. 8 1/4	8 1/4	8 1/4
25 Bnk of Cal	18 1/2	18 1/2
170 Calamba	20 1/2	20 1/2
80 Calamba S	20	20
7 1/2 pf.	20	20
300 Cal-Engelm	11 1/2	11 1/2
175 Cal Cot M.	23 1/2	23 1/2
763 Cal Pack	23 1/2	23 1/2
10 Cal Pac pf.	50	50
20 Cal W S pf.	96	96
752 Caterpillar Tr.	51	51
150 Cater Tr. 10 1/2	100 1/2	101
1,180 Chrysler	62 1/2	58 1/2
115 Cons Aircl.	18	18
125 Cons Chem	32	32
Indus A. 32	32	32
150 Crm of Am.	4 1/4	4 1/4
3,607 Crown Zel.	11 1/2	10 1/4
100 Crown Z pf 7 1/2	70	70
225 Di Giorg F.	5	5
110 Di Giorg F.	28	27 1/2
225 Doernberg	4 1/2	5
600 Emp Capwl	14 1/2	13 1/2
170 Emp C 4 1/2	34	34 1/4
470 Emaco	10	9 1/4
320 Firem F Ins	72 1/2	75
494 Food Mach.	31 1/2	31
180 Foster	20	20
20 Gal M Ldry	22	22 1/2
3,381 Gen Motors	35	35 1/2
300 Gen Paint.	8 1/4	8 1/4
615 Glad MchB.	7 1/2	7 1/2
720 Golden State	2 1/2	2 1/2
150 Hale Bros.	12 1/2	12 1/2
340 Hancock Oil	28 1/2	28 1/2
2,031 Haw Pine.	25 1/2	27 1/2
245 Honolulu	18 1/2	18 1/2
500 Langford	14	14 1/4

## Pittsburgh

## STOCKS

Sales. High. Low. Last.

412 Langford	14	14 1/4
U B A K 14 1/4	14	14 1/4
120 Leontie	3	2 1/2
200 Le Tourneau	16 1/2	16 1/2
2,570 Lockheed A	9 1/2	9 1/2
2,141 Magnavox	5 1/2	5 1/2
370 Magnavox	12	12
144 Mar Cal M	14	14
100 Meier & Fr	9 1/4	9 1/4
845 Nat Av Fib	7 1/4	6 1/4
1,505 Natoms	4 1/4	4 1/4
120 No Am Inv	42 1/2	42 1/2
60 pf.	42 1/2	42 1/2
20 No Am Inv	40	40
550 N A Oil Con	12 1/2	12
50 Occid Ins	28 1/2	28
140 O'Con Mot.	10 1/4	9 1/2
1,254 Oliver	6 1/4	6 1/4
250 Pac Can	7	7
2,216 Pac G & E	27 1/2	27
2,581 Pac G & E	29 1/2	29 1/2
473 Pac G & E	28 1/2	27 1/2
531 Pac Light	39 1/2	39 1/2
20 PacL 6 1/2	104 1/2	104 1/2
600 Pac Pub Sv	5 1/2	5 1/2
839 Pac Pub Sv	17	16 1/2
135 Pac T & T	115	114 1/2
10 Pac T & T	134 1/2	134 1/2
800 Paraffine Cos	21 1/2	21 1/2
2,086 Rayonier	29 1/2	29 1/2
613 Rayonier	28	28
117 Ry Equip	6	6
30 Ry Equip	56	56
200 Reub Pet.	4 1/4	4 1/4
625 Reub Mfg	14 1/2	13 1/2
2,766 Richfield O	7 1/4	7 1/4
20 S J. L. & P	103 1/2	103 1/2
40 SchiesBq pf	4 1/4	4 1/4
100 Signal O&G	23	23
2,405 S'view	19 1/2	19 1/2
100 S'view P	81	81
130 S C Gas pf	30 1/2	30 1/2
1,720 So Pac	21 1/2	19 1/2
200 So Pac Gold	14	14
1,063 Std Oil Cal	32 1/2	31 1/2
570 Sup M. Cal	16 1/2	15 1/2
10 Th-Allec A	14 1/2	14 1/2
840 Tide W A Oil	14 1/2	14 1/2
7,670 Transamer.	12 1/2	11 1/2
1,848 Un Oil Cal	21	20 1/2
275 Union Sug.	17 1/2	17 1/2
810 Unit Air L	7 1/2	7 1/2
600 Univ C Oil	7 1/2	7 1/2
100 Victor E	4 1/4	4 1/4
220 Victor E pf	10 1/4	10 1/4
80 Walslau	18	18
190 West P & S	22	22
326 Ws Port pf	3 1/4	3 1/4

## Cincinnati

## STOCKS

Sales. High. Low. Last.

97 Am Ldry M	18	17
25 Am Pr pf	3	3
220 Cham P&F	104	104
7 Cham P&F	104	104
10 Churngold	7 1/4	7 1/4
201 Cin G&E pf	100 1/2	99 1/2
574 Cin St Ry	5	5
160 Cin St Ry	90	90
90 Eagle-P	12 1/2	12 1/2
130 Formica	12	12
360 Gibson A	12	12
12 Hulton D	16	16
10 Hulton D pf	28	28
268 Kroger	17 1/2	17 1/2
11 L Miami	9 1/2	9 1/2
40 Magnacox	1	1
113 P & G	50 1/2	50 1/2
78 P&G 8 1/2 pf	212	212
20 Randall A	16	16
20 Rapid	22	22
40 U S Oil	7	7
45 Western Bk	7	7
121 Wurritzer	9 1/2	9 1/2
39 Wurritzer pf	65 1/2	65 1/2

## Los Angeles

Quotations are for week ended  
Friday, as prepared by the Ex-  
change.

## STOCKS

Sales. High. Low. Last.

400 Bandini Pet.	3 1/2	3 1/2
100 Berkeley	1 1/2	1 1/2
200 Boia Chl O	2 1/2	2 1/2
100 Byron Jack	19 1/2	19 1/2
200 Champ Ice	1 1/2	1 1/2
700 Chrysler	62 1/2	58 1/2
200 Cl Neon El	7 1/2	7 1/2
100 Cons Oil	10 1/2	10 1/2
100 Cons Steel	4 1/2	4 1/2
400 Cons Sul pf.	10	10
455 Dist Bond.	4 1/2	4 1/2
400 Emaco Der	8 1/2	8 1/2
Equip.	8 1/2	8 1/2
1,300 Exeter Oil	97 1/2	97 1/2
65 Far&M Nat	390	390
Bk	390	390
700 Gen Motors	37 1/2	36 1/2
300 Glad MchB	8 1/2	8 1/2
200 Gloriol	5	5
Mill	5	5
2,000 Hancock O A	25 1/2	25 1/2
100 Holly Dev.	30	30
600 Hupp Motor	1 1/2	1 1/2
2,100 Jade Oil	.05	.05
400 Kair Airp	12	11 1/2
M	18	18
2,000 Lincen Pet.	9 1/2	9 1/2
500 Lkhed Aircl.	8 1/2	8 1/2
400 L A Indus.	2 1/2	2 1/2
300 L A Invest	4	4
1,000 Masco	75	75
3,000 Menas Mfg	1.45	1.15
2,000 Mid-W	.04	.01
4,500 Nordon Cp.	13	13
100 Occiden Pet.	29	29
500 Oceanic Oil	1.25	1.15
200 Pac Clay	7	7
500 Pac Clay	49	49
200 Pac Fin	14 1/4	14
200 Pac G&E	27	27
200 Pac G&E	27 1/2	27 1/2
300 Pac Indem.	22	21
100 Pac Lit Cp	39 1/2	39 1/2
5 Pac Lit Cp	103	103
1,000 Repub Pet.	4 1/4	4 1/4
26 Repub Pet.	35	35
3,100 Richd	7 1/2	6 1/2
200 Rob'ta Pul	3 1/2	3 1/2
Mkts	3 1/2	3 1/2
1,300 Ryan Aero.	1.45	1.45
40 S Joag L&P	113	113
10 Sec Co unit	29	29
2,000 Sierra Trad	10	9 1/2
500 Sontag Dr St	7 1/2	7 1/2
300 So Cal Oil	24	22 1/2
30 So Cal Ed	36 1/2	36
400 So Cal Ed	27 1/2	27 1/2
200 So Cal Ed	25 1/2	25 1/2
100 So Cal Gas	30 1/2	30 1/2
400 So Pac	20 1/2	20 1/2
400 Sund Oil Cal	32 1/2	31 1/2
700 Sund Oil	34	34
500 Superior Oil	12 1/2	11 1/2
2,800 Transamer.	12	11 1/2
1,500 Un Oil Cal	21 1/2	20 1/2
100 Univ Oil	7 1/2	7 1/2
500 Welling Oil	6 1/2	6 1/2
200 West	3 1/4	3 1/4
Cem pf.	3 1/4	3 1/4

## MINING STOCKS

Sales. High. Low. Last.

100 Ala Jun G	12 1/2	12 1/2
2,800 B J Mam Con	22	22
Min	22	22
2,000 CalumGold	.01 1/2	.01 1/2
3,800 Cal Gold	.18 1/2	.18 1/2
Min	22	22
700 Con Chol G	4 1/4	4 1/4
3,000 Imp Dev	.01 1/2	.01 1/2
100 T ReedGold	29	29
5,000 Zenda Gold	.08	.07
Min	.08	.07

## UNLISTED STOCKS

Sales. High. Low. Last.

600 Am Rad&S	12 1/2	12 1/2
100 Aviat (Del)	4 1/2	4 1/2
1,200 Curtiss-Wr	5 1/2	5 1/2
100 El B&S	4 1/2	4 1/2
300 Gen Elec	43 1/2	43 1/2
200 Gen Elec	51 1/2	51 1/2
200 Ken-Cot Cop	41	41
200 Mtyg Ward	35 1/2	35 1/2
191 D Pepper	5	5
250 N Y C R	18 1/2	18 1/2
400 N Y C R	5	5
500 Radio Corp	7 1/4	6 1/4
100 Rad-Keth-O	4 1/4	4 1/4
400 Std Brands	8 1/2	8 1/2
300 Std Oil N J	49 1/2	49 1/2
400 U S Steel	61 1/2	59 1/2
100 Warner Br	7	7

## Detroit

## STOCKS

Sales. High. Low. Last.

940 Allen Elec.	1 1/2	1 1/2
1,610 Aut City Br	1 1/2	1 1/2
1,735 Baldw Rub	8 1/2	8 1/2
1,254 Briggs Mfg	25 1/2	24 1/2
287 Brgs Ad	19 1/2	18 1/2
500 Bury Bldg	3 1/2	3 1/2
2,906 Chrysler	62 1/2	62 1/2
840 Crowl	1 1/2	1 1/2
1,125 Det & C N	1 1/2	1 1/2
105 Det Edis.	102	102
1,200 Det Gray Ir	2 1/2	2 1/2
1,455 Det Gray Ir	3 1/2	3 1/2
1,455 Det Gray Ir	3 1/2	3 1/2
401 Ex-Cel-O	12 1/2	12 1/2
402 Fed Mogul	10 1/2	10 1/2
500 Fed Mot Tr	4 1/2	4 1/2
180 Franken	7 1/2	7 1/2
1,650 Gen Wood	7 1/2	7 1/2
810 Gen Fin	4	4
4,009 Gen Mot.	37 1/2	35 1/2
5,320 Goebel Br.	1 1/2	1 1/2
11,485 Grab-Palga	1 1/2	1 1/2
100 Hall Lamp	3 1/2	3 1/2
200 Hoover B&B	12 1/2	12 1/2
255 Houd-Her B	11 1/2	11 1/2
2,399 Hud M Car	9 1/2	8 1/2
1,700 Hurd&Mfg	3 1/2	3 1/2
2,270 King Prod.	3 1/2	3 1/2
900 Kinsel Drug	15 1/2	17 1/2
430 Lacey Fdy.	3 1/2	3 1/2
500 Macao Sc Pr	1 1/2	1 1/2
100 McAlcer Mfg	1 1/2	1 1/2
2,950 McClan Ref	1 1/2	1 1/2

## Detroit

## STOCKS

Sales. High. Low. Last.

100 Mich Sug pf	3 1/2	3 1/2
1,300 Micromhone	4 1/2	4 1/2
100 Mid-West Ab	1 1/2	1 1/2
100 Mot Wheel	13 1/2	13 1/2
2,545 Murray Cp	1 1/2	1 1/2
2,319 Park Dav	34	33 1/2
755 Park Wolv	12	11 1/2
1,938 Penin Met.	3 1/2	2 1/2
280 Pfeiffer Br	2 1/2	2 1/2
875 Prod Inv	2 1/2	2 1/2
585 Res Mot.	2 1/2	2 1/2
825 Rickel H W	3 1/2	3 1/2
800 Riv Rainsin	4 1/2	4 1/2
3,540 Std Tube	12 1/2	12 1/2
475 Timk Axle	12 1/2	12 1/2
30 Timk Ax pf107	107	107
1,680 Tivoli Br.	4 1/2	4 1/2
3,067 T M're Dist	1 1/2	1 1/2
490 Un Sd Dist	1 1/2	1 1/2
300 Univ Cool B	5 1/2	5 1/2
1,550 Univ Cool B	5 1/2	5 1/2
200 Walk&Co B	2 1/2	2 1/2
4,245 Warn Aircl	1 1/2	1 1/2
330 Wayne Sc.	3 1/2	3 1/2
200 Wolv Br.	3 1/2	3 1/2
300 Wolv Tube	6 1/2	6 1/2

## UNLISTED STOCKS

Sales. High. Low. Last.

56 Am T & T	146 1/2	146 1/2
1,745 Com & So.	1 1/2	1 1/2
1,775 Hupp Motor	1 1/2	1 1/2
50 Kroger	17 1/2	17 1/2
1,078 Nash-Kelv.	10 1/2	10 1/2
410 N Y C RR	19 1/2	17 1/2
10 Socony	16	16
103 Stand Brds	9 1/2	9 1/2

## Boston

## STOCKS

Sales. High. Low. Last.

20 Alles & Fish	2 1/2	2 1/2
55 Am Pneu pf	1 1/2	1 1/2



Transactions on Out-of-Town Markets—Continued

Chicago STOCK EXCHANGE STOCKS				Chicago STOCK EXCHANGE STOCKS				Chicago STOCK EXCHANGE STOCKS				Chicago STOCK EXCHANGE STOCKS				Chicago STOCK EXCHANGE STOCKS			
Sales.	High.	Low.	Last.	Sales.	High.	Low.	Last.	Sales.	High.	Low.	Last.	Sales.	High.	Low.	Last.	Sales.	High.	Low.	Last.
200 Con Biscuit 4 1/4	4 1/4	4 1/4	4 1/4	100 Hamilt Mfg 6 1/2	6 1/2	6 1/2	6 1/2	300 MidUnit pf 4	3 1/4	3 1/4	3 1/4	10 Onkosh B'G 7 1/2	7 1/2	7 1/2	7 1/2	2,650 Swift & Co 18 1/2	18 1/2	18 1/2	18 1/2
150 Cons Co A 2 1/4	2 1/4	2 1/4	2 1/4	30 Harnischfeg 6 1/2	6 1/2	6 1/2	6 1/2	30 MidUnit 1 1/4	1 1/4	1 1/4	1 1/4	50 Parker Pen 14	14	14	14	250 Swift Int... 26 1/2	26 1/2	26 1/2	26 1/2
10 Cons Co pf 5 1/2	5 1/2	5 1/2	5 1/2	3,050 Hellem(G)Br 7 1/2	7 1/2	7 1/2	7 1/2	6 1/2 pl... 1 1/4	1 1/4	1 1/4	1 1/4	150 PenEl Sw A 13	13	13	13	300 Utah Radio 1 1/2	1 1/2	1 1/2	1 1/2
1,650 Cord Corp... 2 1/4	2 1/4	2 1/4	2 1/4	150 Hein-W MP 6 1/2	6 1/2	6 1/2	6 1/2	70 MidUnit 1 1/4	1 1/4	1 1/4	1 1/4	150 Perf Circle 29	29	29	29	850 Util & Ind. 1 1/2	1 1/2	1 1/2	1 1/2
20 CudahyP pf 6 1/4	6 1/4	6 1/4	6 1/4	130 Hibb Sp&B 45	44 1/2	44 1/2	44 1/2	10 MidUnit 1 1/4	1 1/4	1 1/4	1 1/4	200 Pines Wint. 1 1/4	1 1/4	1 1/4	1 1/4	550 Ut & In pf 1 1/2	1 1/2	1 1/2	1 1/2
150 Cun'ngh DS 15 1/2	15 1/2	15 1/2	15 1/2	90 Hordera... 13 1/2	13 1/2	13 1/2	13 1/2	7 1/2 pl... 1 1/4	1 1/4	1 1/4	1 1/4	410 Quak Oats 99	98 1/2	98 1/2	98 1/2	10 Vik Pump. 18	18	18	18
1,050 Dayt Rub. 10 1/2	10 1/2	10 1/2	10 1/2	250 Hormel&Co 19 1/2	19 1/2	19 1/2	19 1/2	10 Miller&H pf 3	2 1/2	2 1/2	2 1/2	20 Qu Oats pf.140	139 1/2	139 1/2	139 1/2	10 Vik P pf. 36 1/2	36 1/2	36 1/2	36 1/2
600 Deck&Cohn. 3 1/2	3 1/2	3 1/2	3 1/2	100 Houd-H B. 11 1/2	11 1/2	11 1/2	11 1/2	150 Modine... 27 1/2	27 1/2	27 1/2	27 1/2	50 Rath Pack. 17 1/2	17 1/2	17 1/2	17 1/2	50 Wahl Co. 1 1/2	1 1/2	1 1/2	1 1/2
80 Dexter Co. 6 1/2	6 1/2	6 1/2	6 1/2	600 Hupp Mot... 1 1/2	1 1/2	1 1/2	1 1/2	50 Monroe Ch. 1 1/4	1 1/4	1 1/4	1 1/4	200 Rayth Mfg. 2 1/2	2 1/2	2 1/2	2 1/2	700 Walgreen(2) 20	19 1/2	19 1/2	19 1/2
100 Dixie-Vorta 31	31	31	31	250 Ill Brick... 8 1/2	8 1/2	8 1/2	8 1/2	150 MontWd A136 1/2	132 1/2	132 1/2	132 1/2	900 Rollins Hos 1 1/4	1 1/4	1 1/4	1 1/4	250 W/Oil-Q-M 4 1/4	4 1/4	4 1/4	4 1/4
100 Dodge Mfg. 14 1/4	14 1/4	14 1/4	14 1/4	100 Ill Cen RR 11 1/2	10 1/2	10 1/2	10 1/2	40 Nat Btty pf 22 1/2	22 1/2	22 1/2	22 1/2	10 St LNSTYds 62	62	62	62	900 Wise Bkhs 5 1/2	5 1/2	5 1/2	5 1/2
1,450 El Heshid... 4 1/2	4 1/2	4 1/2	4 1/2	300 Ill No ut pf107 1/2	106 1/2	106 1/2	106 1/2	500 Nat-Stand... 22 1/2	22 1/2	22 1/2	22 1/2	150 Sangamo El 26 1/2	26 1/2	26 1/2	26 1/2	200 Woodall Ind 4 1/2	4 1/2	4 1/2	4 1/2
450 El N Watch 23 1/2	23 1/2	23 1/2	23 1/2	100 InPneut vtc 28	27 1/2	27 1/2	27 1/2	100 Nat Un Rd... 21 1/2	21 1/2	21 1/2	21 1/2	50 Switzer C... 12 1/2	12 1/2	12 1/2	12 1/2	100 Yates-Arch 2 1/2	2 1/2	2 1/2	2 1/2
200 Fuller Mfg. 2 1/2	2 1/2	2 1/2	2 1/2	50 Ind Stl Pr. 6 1/2	6 1/2	6 1/2	6 1/2	1,400 Nobilit-Spks 22	21 1/2	21 1/2	21 1/2	50 Sears Roe... 6 1/2	6 1/2	6 1/2	6 1/2	1,850 Zenith Rad 17	15 1/2	15 1/2	15 1/2
520 Gardner-D. 15 1/4	14 1/4	14 1/4	14 1/4	30 Int P 36 pf 4	4	4	4	50 No Am Car 2 1/2	2 1/2	2 1/2	2 1/2	150 SouthblWk 16	15 1/2	15 1/2	15 1/2				
900 Gen Fin... 4 1/4	4 1/4	4 1/4	4 1/4	200 Iron Firem. 18 1/2	18 1/2	18 1/2	18 1/2	100 No W Eng 12 1/2	12 1/2	12 1/2	12 1/2	20 S'w'tG&E pf100	100	100	100				
3,250 Gen Heshid 2 1/2	2 1/2	2 1/2	2 1/2	350 Jarvis(WB) 18 1/2	17 1/2	17 1/2	17 1/2	60 N W Eng pf 25	22 1/2	22 1/2	22 1/2	1,050 Std Dreds 3 1/2	3 1/2	3 1/2	3 1/2				
70 GodchxSg A 32	32	32	32	200 Jeff El... 23 1/2	22 1/2	22 1/2	22 1/2	100 No W Eng 12 1/2	12 1/2	12 1/2	12 1/2	50 Std Dr pf. 12 1/2	12 1/2	12 1/2	12 1/2				
100 Goldblatt... 23 1/2	23 1/2	23 1/2	23 1/2	50 IslynMfg&S 40 1/2	40 1/2	40 1/2	40 1/2	1,600 N'west Bcp 8 1/2	8 1/2	8 1/2	8 1/2	200 Storkl Fur. 6 1/2	6 1/2	6 1/2	6 1/2				
300 Goss'd(HW) 8 1/2	8 1/2	8 1/2	8 1/2	800 Katz Drug. 4 1/2	4 1/2	4 1/2	4 1/2	10 OklG&E pf.100	100	100	100	650 SunstrdMTT 13	12	12	12				
2,100 Gt Lake Dr 14 1/2	14 1/2	14 1/2	14 1/2	50 Ken-R T&L 11 1/2	11 1/2	11 1/2	11 1/2												
50 Ht Print. 6 1/2	6 1/2	6 1/2	6 1/2	130 KUJR cm pf 28 1/2	27 1/2	27 1/2	27 1/2												

Corporate Net Earnings

Continued from Page 173

Company.	Net Income.	Com. Share	Company.	Net Income.	Com. Share
	1937.	1936.		1937.	1936.
Ontario Manufacturing Co.: Year, Dec. 31..	132,038	115,589	2.19	1.88	
Owens Illinois Glass Co.: v Year, Dec. 31	9,315,000	10,099,131	h.350	h.759	
Paraffine Cos., Inc.: Dec. 31 quarter	224,247	528,989	.42	1.06	
6 mos., Dec. 31.	893,925	1,244,197	1.78	2.51	
Pittsburgh Coke & Iron Co.: Year, Dec. 31..	806,079	446,099	h.120	h.79	
Procter & Gamble Co.: Dec. 31 quarter	4,340,348	6,730,202	.65	1.02	
6 mos., Dec. 31.	9,384,686	13,359,766	1.40	2.03	
Ritter Dental Mfg. Co., Inc.: 10 mos., Oct. 31	225,910	.....	.50	.....	
Spalding & Bros., A. G.: Year, Oct. 31..	*310,866	*912,392	.....	.....	
Sterling Aluminum Products, Inc.: n Year, Dec. 31	357,983	411,273	1.45	1.67	
Stroock, S. & Co., Inc.: Year, Dec. 31..	179,248	217,859	h.196	h.232	
Sunshine Mining Co.: n Year, Dec. 31	5,401,457	3,909,074	3.63	2.62	
United Merchants & Manufacturers, Inc.: Year, July 31..	1,575,808	.....	2.62	.....	
United Paperboard: Nov. 27 quarter	21,277	.....	.01	.....	
6 mos., Nov. 27.	63,011	.....	.10	.....	
United States Leather Co.: Year, Oct. 31..	238,629	407,365	p.518	p.627	
U. S. Pipe & Foundry: n Year, Dec. 31	2,235,756	2,427,867	h.321	h.345	
Universal Cooler Corp.: Dec. 31 quarter	*75,107	*62,150	.....	.....	
Valpar Corp.: Year, Nov. 30..	269,328	183,390	.38	p.606	
Woolworth & Co., F. W., Ltd.: Year, Dec. 31.	4,792,948	4,576,315	60.90%	57.97%	
Brooklyn-Manhattan Tran. Sys.: 6 mos., Dec. 31.	*689,082	*2,523,177	p.276	p.241	

PUBLIC UTILITIES

Company.	1937.	1936.	Company.	1937.	1936.
Brooklyn & Queens Transit: 6 mos., Dec. 31.	*26,807	337,934	.....	p.119	
Brooklyn Union Gas Co.: Year, Dec. 31..	1,913,604	2,250,813	2.57	3.02	
Cincinnati Street Railway Co.: n Year, Dec. 31	224,932	367,905	.47	.77	
Detroit Edison Co.: Year, Dec. 31..	9,950,937	10,670,592	7.82	8.39	
Duquesne Light Co.: 12 mos., Nov. 30.	10,233,776	10,013,597	4.11	4.01	
Electric Power & Light Corp.: 3 mos., Nov. 30	2,173,379	2,358,302	.22	.27	
12 mos., Nov. 30	9,503,143	7,915,766	1.11	.64	
Market Street Railway Co.: 12 mos., Nov. 30	*135,060	294,199	.....	p.253	
Mountain States Power Co.: 12 mos., Nov. 30	324,096	255,249	.....	.....	
Oklahoma Natural Gas Co.: 12 mos., Nov. 30	1,578,437	929,867	.....	.....	
Public Service Corp. of New Jersey: n Year, Dec. 31	24,531,606	24,612,933	2.67	2.68	
Standard Gas & El. Co. & Subs.: 11 mos., Nov. 30	2,839,786	2,646,403	.....	.....	
12 mos., Nov. 30	3,763,976	3,490,076	.....	.....	
United Gas Corp.: 3 mos., Nov. 30	2,153,113	2,884,382	a1.54	.07	
12 mos., Nov. 30	10,789,310	11,540,669	.18	.28	

RAILROADS

Company.	1937.	1936.	Company.	1937.	1936.
Alabama Great Southern R. R.: 11 mos., Nov. 30	954,053	693,187	4.25	3.09	
Ann Arbor R. R.: 11 mos., Nov. 30	*126,874	*55,107	.....	.....	
Atchafalaya, Top. & S. Fe Ry. System: 11 mos., Nov. 30	6,483,939	7,142,526	.32	.60	
Baltimore & Ohio R. R.: 11 mos., Nov. 30	332,996	2,138,073	p.56	p.3.63	

RAILROAD EARNINGS AND STATEMENTS

Baltimore & Ohio				Bangor & Aroostook			
	1937.	1936.			1937.	1936.	
Cash	.....	\$11,018,860	\$11,627,528	December gross	560,291	585,991	
Current assets	.....	35,110,625	35,775,762	Net operating income	157,149	234,759	
Current liabilities	.....	35,838,282	42,823,172	Surplus after charges	122,966	179,641	
Inv. stocks, bonds, etc.	.....	104,333,218	103,767,242	12 months' gross	6,185,676	5,985,120	
Fd. debt due 6 mos.	.....	3,776,000	22,353,423	Net operating income	1,511,650	1,433,308	
				Surplus after charges	845,224	747,251	
Boston & Maine				Chicago, Burlington & Quincy			
	1937.	1936.			1937.	1936.	
Cash, Nov. 30	.....	1,788,972	3,879,086	Cash Nov. 30	.....	12,445,904	16,702,341
Current assets	.....	8,420,941	11,586,313	Current assets	.....	33,268,608	34,396,713
Current liabilities	.....	19,808,620	20,613,632	Current liabilities	.....	14,560,458	13,986,340
Inv. stocks, bonds, etc.	.....	2,893,793	2,331,630	Inv. stocks, bonds, etc.	.....	4,205,495	4,225,164
Fd. debt due 6 mos.	.....	1,000,000	7,807,000	Fd. debt due 6 mos.	.....	1,095,000	395,000
Chesapeake & Ohio				Cincinnati			
	1937.	1936.			1937.	1936.	
December gross	.....	8,844,088	11,139,644	Nov. net income	.....	9,264	58,184
Net operating income	.....	3,079,610	4,634,332	11 mos. net income	.....	528,278	15,906
Surplus after charges	.....	2,817,078	4,487,833				
12 months' gross	.....	127,346,701	135,538,279				
Net operating income	.....	42,614,450	52,734,863				
Surplus after charges	.....	34,034,269	43,496,092				

Denver & Rio Grande Western				Southern Pacific			
	1937.	1936.			1937.	1936.	
Cash Nov. 30	.....	3,245,785	2,223,810	December gross	.....	16,468,601	22,459,954
Current assets	.....	11,611,611	9,074,628	Net operating income	.....	1,107,986	6,969,487
Current liabilities	.....	76,392,046	69,689,824	Twelve months' gross	.....	225,016,912	204,338,550
Inv. stocks, bonds, &c.	.....	33	33	Net operating income	.....	22,616,280	34,086,680
Fd. debt due 6 mos.	.....	981,272	1,626,872				
Erie				Western Pacific			
	1937.	1936.			1937.	1936.	
December gross	.....	5,705,298	7,694,549	Cash Nov. 30	.....	1,404,731	3,290,601
Net operating income	.....	45,215	1,271,121	Current assets	.....	10,664,233	7,653,809
Twelve months' gross	.....	83,925,726	85,008,111	Current liabilities	.....	17,083,351	14,288,810
Net operating income	.....	13,614,008	16,338,790	Inv. stocks, bonds, &c.	.....	78,178	78,778
Gulf, Mobile & Northern				Fd. debt due 6 months	.....	780,467	3,615,467
	1937.	1936.					
December gross	.....	561,574	609,449	Yazoo & Miss. Valley			
Net operating income	.....	25,214	96,262		1937.	1936.	
12 months' gross	.....	7,527,129	7,292,909	11 months' net income	.....	1,205,201	682,822
Net operating income	.....	1,515,500	1,412,604	November net income	.....	326,213	511,019
Illinois Central				* Loss. † Income. ‡ Other than those of affiliated companies.			
	1937.	1936.					
(Excluding Yazoo & Miss. Valley)							
November net income	.....	173,717	650,576				



## Banking Statistics—Brokers' Loans—Gold Reserves

## Statement of the Federal Reserve Banks

ASSETS	(Thousands)			(Thousands)			(Thousands)		
	Combined Fed. Res. Banks	Jan. 26, 1938.	Jan. 19, 1938.	Jan. 27, 1937.	N. Y. Federal Res. Bank	Jan. 26, 1938.	Jan. 19, 1938.	Jan. 27, 1937.	Jan. 27, 1937.
Treasury certificates on hand and due from U. S.	\$9,117,895	\$9,118,394	\$8,849,914	\$3,739,087	\$3,676,775	\$3,588,509			
Redemption fund—Federal Reserve notes	9,443	9,393	12,729	1,710	1,710	1,046			
Other cash	440,664	426,665	307,743	96,816	94,180	76,992			
Total reserves	\$9,568,002	\$9,554,452	\$9,170,386	\$3,837,613	\$3,772,665	\$3,666,547			
Bills discounted:									
Secured by U. S. Govt. obligations, direct or fully guaranteed	7,632	6,979	2,344	3,233	3,282	789			
Other bills discounted	3,838	3,811	513	375	385	356			
Total bills discounted	\$11,470	\$10,790	\$2,857	\$3,608	\$3,667	\$1,145			
Bills bought in open market	548	548	3,081	214	215	1,093			
Industrial advances	17,929	17,629	24,085	4,378	4,381	5,921			
U. S. Government securities:									
Bonds	727,573	728,073	492,182	209,858	210,002	132,099			
Treasury notes	1,172,213	1,171,713	1,345,963	338,108	337,964	361,251			
Treasury bills	664,229	664,229	592,082	191,588	191,588	158,910			
Total U. S. Government securities	\$2,564,015	\$2,564,015	\$2,430,227	\$739,554	\$739,554	\$652,260			
Total bills and securities	\$2,593,962	\$2,593,182	\$2,460,250	\$747,754	\$747,817	\$660,419			
Due from foreign banks	171	171	226	65	64	90			
Federal Reserve notes of other banks	24,584	27,260	25,022	5,736	6,768	7,194			
Uncollected items	503,242	614,313	576,113	126,777	152,552	142,769			
Bank premises	45,011	45,033	46,145	9,973	9,973	10,134			
All other assets	40,840	39,625	41,592	11,835	11,531	10,909			
Total assets	\$12,775,812	\$12,874,036	\$12,319,734	\$4,739,753	\$4,701,370	\$4,498,062			
LIABILITIES									
Federal Reserve notes in actual circulation	\$4,119,064	\$4,155,272	\$4,140,506	\$908,951	\$920,159	\$871,976			
Deposits:									
Member bank—reserve account	7,295,871	7,218,937	6,778,700	3,906,576	3,228,324	3,106,225			
U. S. Treasurer—general account	117,322	135,018	180,253	32,766	37,454	56,652			
Foreign bank	157,748	167,934	74,947	55,307	59,605	27,471			
Other deposits	235,604	250,047	239,763	191,469	196,556	173,185			
Total deposits	\$7,906,545	\$7,771,936	\$7,273,663	\$3,586,118	\$3,521,938	\$3,363,533			
Deferred availability items	503,674	507,884	558,526	124,807	138,759	141,119			
Capital paid in	133,069	133,041	132,105	50,993	51,003	51,270			
Surplus (Section 7)	147,739	147,739	145,854	51,943	51,943	51,474			
Surplus (Section 13b)	27,683	27,683	27,190	7,744	7,744	7,744			
Reserve for contingencies	33,019	33,019	36,235	8,210	8,210	9,280			
All other liabilities	4,999	7,462	5,655	987	1,614	1,686			
Total liabilities	\$12,775,812	\$12,874,036	\$12,319,734	\$4,739,753	\$4,701,370	\$4,498,062			
Ratio of total reserves to deposit and Federal Reserve note liabilities combined	80.2%	80.1%	80.3%	85.4%	84.9%	86.6%			
Contingent liability on bills purchased for foreign correspondents	1,592	1,784	20,238	449	691	837			
Commitments to make industrial advances	13,388	12,723	20,238	4,589	4,620	5,327			

## Statement of Member Banks

## PRINCIPAL RESOURCES AND LIABILITIES OF REPORTING MEMBER BANKS IN 101 LEADING CITIES

LOANS—	All Reporting			Chicago			N. Y. City		
	Jan. 19, 1938.	Jan. 12, 1938.	Jan. 5, 1938.	Jan. 19, 1938.	Jan. 12, 1938.	Jan. 5, 1938.	Jan. 19, 1938.	Jan. 12, 1938.	Jan. 5, 1938.
Business:									
On securities	568	569	569	384	389	389	1,467	1,484	1,484
Otherwise	3,870	3,932	3,932	28	26	26	176	181	181
Total	4,438	4,501	4,501	414	419	419	1,686	1,706	1,706
Open market:									
Brokers	812	842	1,210	36	37	39	651	654	1,016
Other	621	625	625	73	73	73	212	212	212
Total	1,433	1,467	1,467	109	110	110	863	866	1,228
Real estate:									
Banks	1,162	1,164	1,152	13	13	14	128	128	129
Other	67	66	57	1	1	5	38	38	38
Total	1,229	1,230	1,209	14	14	19	166	166	167
On securities	718	720	720	20	21	21	234	235	235
Otherwise	812	817	817	32	32	32	192	190	190
Total	1,530	1,537	1,537	52	53	53	426	425	425
Total loans	9,069	9,195	9,223	617	622	573	3,317	3,344	3,509
INVESTMENTS—									
Govt. bonds	8,143	8,097	9,262	954	962	1,126	3,150	3,121	3,494
Govt. guaranteed	1,130	1,131	1,229	102	102	95	395	392	454
Other securities	2,923	2,910	3,243	256	256	276	994	995	1,058
Total invest.	12,196	12,138	13,734	1,312	1,319	1,497	4,540	4,508	5,033
TOTAL LOANS AND INVESTMENTS	21,265	21,333	22,957	1,929	1,941	2,070	7,857	7,852	8,542
Res. with F. R. Bk.	5,647	5,600	5,325	610	618	599	2,789	2,718	2,656
Cash in vault	302	330	389	25	28	33	52	51	54
Bal. with domes. bks.	2,023	1,957	2,308	156	149	189	67	73	82
Other assets—net	60	58	74	60	58	74	474	470	498
Demand deposits:									
Adjusted	14,487	14,463	15,547	1,416	1,430	1,567	5,869	5,822	6,427
Time deposits:									
Government deposits	5,199	5,203	5,050	465	465	455	651	641	606
Interbank deposits:									
Domestic banks	5,333	5,264	6,059	566	564	626	2,126	2,131	2,428
Foreign banks	421	432	421	6	6	4	387	384	381
Borrowings	6	7	7	16	15	22	353	351	362
Other liabilities	248	249	238	1,482	1,483	1,469			
Capital account									

## Debits to Individual Accounts by Banks in Reporting Centers

Federal Reserve District	No. of Centers Included	Week Ended			Jan. 20, 1937.
		Jan. 19, 1938.	Jan. 12, 1938.	Jan. 5, 1938.	
1—Boston	17	\$444,248	\$398,149	\$598,200	
2—New York	18	3,800,821	3,435,791	4,953,760	
3—Philadelphia	18	413,816	352,271	478,583	
4—Cleveland	25	495,722	473,836	606,687	
5—Richmond	24	274,531	279,489	292,296	
6—Atlanta	26	211,786	224,547	244,534	
7—Chicago	41	1,108,575	1,029,564	1,364,088	
8—St. Louis	16	242,292	220,054	219,460	
9—Minneapolis	17	145,553	144,644	156,887	
10—Kansas City	28	301,032	256,731	311,702	
11—Dallas	18	185,187	188,462	199,801	
12—San Francisco	29	666,283	629,641	743,383	
Total	274	\$8,289,846	\$7,633,179	\$10,169,361	
New York City	1	3,515,586	3,174,973	4,617,548	
Total outside New York City	273	\$4,774,260	\$4,458,206	\$5,551,813	

## MONEY RATES IN NEW YORK CITY

	Time Loans—Prime Com. Paper, Bankers' Acceptances											
	Call Loans			60-90 Days			4-6 Mos.			4-6 Mos.		
	High	Low	Avg.	High	Low	Avg.	High	Low	Avg.	High	Low	Avg.
1938. Jan. 1	1	1	1.00	1 1/4	1 1/4	1 1/4	1.25	1 1/4	1 1/4	1.50	1	1.00
Jan. 8	1	1	1.00	1 1/4	1 1/4	1 1/4	1.25	1 1/4	1 1/4	1.50	1	1.00
Jan. 15	1	1	1.00	1 1/4	1 1/4	1 1/4	1.25	1 1/4	1 1/4	1.50	1	1.00
Jan. 22	1	1	1.00	1 1/4	1 1/4	1 1/4	1.25	1 1/4	1 1/4	1.50	1	1.00

↗New York Stock Exchange. ↘Asked rate. ↙Average of renewal rate.



## ADVERTISEMENTS

## ADVERTISEMENTS

## ADVERTISEMENTS

# OPEN MARKET FOR UNLISTED SECURITIES

These quotations are for bankers, brokers and dealers and are accepted for publication as actual markets. The numbers at the left of a quotation identifies it with the name of the firm in the index making the market. Prices are as of close of business on Tuesday, Mid-West and South Monday.

## FOREIGN SECURITIES

Key.	Bid.	Offer.
20 Argentine dollar bds.	OW	BW
7 Bethlehem Steel Co 54 42.110	OW	BW
20 Brazilian dollar bds.	OW	BW
7 British Bemberg 68 sterl.	Mkt.	
ing debs		
1 Central Mex L & P 66 40 44		
7 Chile Internals and Pesos		
OW		
20 Chilean dollar bds.	OW	BW
7 Colombia Internals 7s.	OW	BW
20 Colombian dollar bds.	OW	BW
20 French dollar bds.	OW	BW
20 French National 8 1/2	OW	BW
6s 1932	105	107
7 German 3% fdg bds & 1/2		
overdue cps	Mkt	
20 German dollar bonds.	OW	BW
20 Great Britain Dollar bonds	OW	BW
7 Greek Treasury bills A. Mkt		
7 Guayaquil & Quito Rwy		
OW		
20 Hanks S Lines 6s 1939.	82	86
20 Japanese dollar bonds.	OW	BW
7 Jugoslavian fdg bds&cps.	Mkt	
7 Mercubank A G shares.	Mkt	
20 Nor German Lloyd 4-6.	OW	BW
7 Royal Dutch 4s.	136	

## CANADIAN SECURITIES

Key.	Bid.	Offer.
Principal and interest payable in United States funds:		
Alberta 14 1/2s, 1956.	52	54
Alberta 15s, 1942.	54	56
Brit Columbia 4 1/2s, 1953.	94 1/2	96 1/2
Brit Columbia 5s, 1954.	99	100 1/2
Manitoba 4s, 1957.	77	79
New Brunswick 4 1/2s, 1960.	79	81
Nova Scotia 4 1/2s, 1952.	107 1/2	109
Ontario 4s, 1956.	108	109 1/2
Ontario 4 1/2s, 1951.	121 1/2	123
Quebec 4s, 1958.	107	108 1/2
Quebec 4 1/2s, 1956.	111	112 1/2
Saskatchewan 4s, 1951.	73	75
Saskatchewan 5s, 1959.	70	

\*Interest payment reduced one-half, effective June 1, 1938.

## INDUSTRIAL ISSUES:

22 Dominion Gas & El 6 1/2s.	79 1/2	80 1/2
1945		

## U. S. GOVERNMENT AND MUNICIPAL BONDS

Key.	Bid.	Offer.
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## ARKANSAS:

63 Arkansas Rtg Rd Dist 3s	77	78 1/2
1/1/49		
63 Arkansas Hwy 5s	59	61 1/2

## ILLINOIS:

63 Franklin Co Comm Consol		
S/D No. 47 ref 5s (Ben-		
ton), 1M 12/1/43, 1M		
12/1/44, 3M 12/1/50.		4.00%

## TEXAS:

8 Texas Municipals, any.	OW	
8 Fort Worth 5s (not		
voted), 1940-60 (25M).		
8 Harris Co. Rd. 3s or 4s.	OW	
1940-50 (10M).		
8 Houston (City of) 3s.	OW	
1940-50 (10M).		
8 Houston ISD 3s, 1940-50	OW	
(10M).		
8 Orange (City of) 5s, 1955	OW	
(10M).		
8 Orange County Rd. 5s.	OW	
1952 (20M).		
8 Orange Co. Rd. 5 1/2s, 1959	OW	
(10M).		
8 Sweetwater 4 1/2s or 5s, any	OW	
mat. (10M).		
8 Tyler Co. R/D No. 2 5 1/2s.	OW	
1940-60 (20M).		

## FEDERAL LAND BANK BONDS

4 1/2s, Nov., 1958-38.	102 1/2	103 1/4
4s, May, 1958-38.	100 1/2	101 1/4
4s, July, 1946-44.	110 1/2	111
3 1/2s, May, 1955-45.	103 1/2	104 1/4
3s, Jan., 1956-46.	102 1/2	103 1/4
3s, July, 1955-45.	102 1/2	103 1/4
3s, May, 1956-46.	102 1/2	103 1/4

## JOINT STOCK LAND BANK BONDS

43 Atlanta 3s.	98 1/2	100
43 Atlantic 3s, 1941-38.	98 1/2	100
43 Dallas 3s.	99	100 1/2
43 First Trust Chicago 4 1/2s	99	100 1/2
43 Greensboro 3s, 1941-38.	99	100 1/2
43 Phoenix 3s, 1961-41.	107	108 1/2
43 Phoenix 4 1/2s, 1961-41.	105	106 1/2
43 Potomac 3s.	99	100 1/2
43 San Antonio 3s.	99	100 1/2
43 Virginia 3s, 1942-39.	99	100 1/2

## PUBLIC UTILITY BONDS

22 Alabama Gas Co. 4 1/2s.	84 1/2	
1951		
Central Gas & Elec. 3 1/2s.	63 1/2	65 1/2
1946		
Columbia El. P. 6s, 47, 105 1/2		
Consolid. Traction 5s, 1938 84	97	
1 Cooper River Brdg 6s, 1958.	60	62
El Paso Elec. 5s, 1950.	101 1/2	102 1/2
Gas & El. Bergen 5s.		
1949		
Hudson Co. Gas 5s, 1949.	119	
1 James River Bridge 6 1/2s.	31	32
1958		
Jersey City, Hob. & P. 4s.		
1949		
Mountain States Fr. 3s.	48 1/2	50 1/2
1938		
Mountain States Fr. 1st		
6s, 1938	76 1/2	78 1/2
Newark Co. Gas 3s, 48, 117		
1 New Orleans Pontchar-		
train Bridge 1st 7s, 46, 94	10	
Paterson Rwy. 5s, 1944.	98	
22 Public Gas & Coke 5s, 52	28	
Puget Sd. P. & L. 5 1/2s, 49	69	
So. Jersey G. & E. 5s, 1953, 117		
22 Southern California Water		
4 1/2s, 1960.	92 1/2	93 1/2
Un. Elec. Co. N. Y. 4s, 48, 111		
63 United Rwy. (St. Louis)		
actual 4s	23 1/2	26
63 United Rwy. (St. Louis)		
4 1/2s	22	25
1 Vicksburg Bridge & Term.		
6s, 1958.	70	72
†Traded flat.		

## INDUSTRIAL &amp; MISC. BONDS

American Tobacco 4s, 51, 107		
American Wire Fabrics		
7s, 1942.	95 1/2	
Bear Min.-Hudson River		
Bridge 7s, 1953.	99	
1 Bowers (S. F.) 5s, 1941	52	55
Chicago Stockyards 5s, 1941	93	

## INDUST. &amp; MISC. BONDS (Cont.)

Key.	Bid.	Offer.
Deep Rock Oil 7s, 1937.	77 1/2	79
Hayden Corp. 8s, 1938.	14	16
Hoboken Ferry 5s, 1948.	40	50
New York Hoboken 5s, 46 35		
New York Shipb. 5s, 1948.	82	
Scovill Mfg. 5 1/2s, 1945.	107	108
Scullin Steel Co. 1st mfgs.		
6s, 1941.	53	60
Toledo T. R. R. 5 1/2s, 57, 109	110	
With. Sherman, Inc. 6s, 44 37 1/2	39 1/2	
Woodward Iron 1st 5s, 62, 101 1/2	103 1/2	
Woodward Iron 2d cv. inc.		
5s, 1962.	93	97
†Selling flat due to default in interest.		

## REAL ESTATE SECURITIES

Broadway Barclay 2s, 56 22	23	
Broadway Mot. 4s-6s, 48 58 1/2	61	
Chanin Building 4s, 1945.	52	
Equitable Off. Bldg. 5s, 52 56	59 1/2	
500 Fifth Ave. 5 1/2s, 48 29	33	
50 Broadway Inc. 5s, 1945 37	38 1/2	
40 Wall St. 1st 6s, 1958.	45	47
42 Broadway 1st 6s, 1958.	62 1/2	64 1/2
†Fox Th. & Off. 6 1/2s, 1941	5	6 1/2
Puller Bldg. deb. 6s, 1944 38 1/2	42	
Fuller Bldg. 1st 2 1/2s, 4s.		
1949, w. s.	39	42
Graybar Bldg. 1st 1 1/2s, 46 59	61	
Harriman Bldg. 1st 6s, 51 37 1/2	40 1/2	
Hotel St. George 4s, 1950.	42	
Lefcourt Manhattan 4s-5s, 48 59 1/2	63	
Lincoln Bldg Inc 5 1/2s, 63 62	63 1/2	
Loew's Th. & R. 1st 6s, 47 58	81	
Metro Playhouse 5s, 45.	63	
N Y Ath Club 1st 2s, 58.		
st & reg.	25	27
N Y Title & Mgt 5 1/2s.	45 1/2	48
Ser B K K		
N Y Title & Mgt 5 1/2s.	49 1/2	52
Ser F I.		
N Y Title & Mgt 5 1/2s.	36	38
Ser C 2.		
165 Bway 1st 5 1/2s, 51.	46	48
165 Bway 1st 5 1/2s, 51.	50 1/2	53
Roxey Theatre 1st 6 1/2s, 40 49	51	
Savoy Play 5s, 28 1/2.	31 1/2	
Shermeh deb 3s-5 1/2s, 50 1/2	20 1/2	22 1/2
w. s.		
61 Broadway 1st 3 1/2s-5s.	38	41
1950, w. s.		
Textile Bldg. 1st 3s-5s.	39 1/2	41
1958, w. s.	39 1/2	41
2 Park Ave Bldg 1st 4s, 53 1/2	55 1/2	
Wall & Beaver St 1st 4 1/2s.	23 1/2	25 1/2
1951, w. s.		
†Selling flat due to default in interest.		

## BANK STOCKS

63 Marine Nat Exchange Bk 35	37 1/2	
63 Marshall & Ilsley Bank.	19	22

## NEW YORK CITY:

Banca Commer Italiana.	100	106
Bankers Trust.	47 1/2	49 1/2
Bank of Manhattan Co.	22 1/2	24 1/2
Bank of New York.	19	21
Bank of N Y & Trust.	361	367
Bronx Trust.	6 1/4	8
Brooklyn Trust.	82	87
Central Hanover Bk & Tr 9s	98	
Chase National.	21	23
Chemical Bank & Trust.	43	45
City National.	26 1/2	27 1/2
Citibank Trust.	55 1/2	60
Colonial Trust.	12 1/2	14
Commercial National.	138	144
Continental Trust.	124	130
Corn Exchange Bk Tr.	52 1/2	53 1/2
Empire Trust Co.	31	33
Fifth Avenue National.	835	885
First National.	1,785	1,825
Fulton Trust.	200	215
Guaranty Trust.	234	245
Irving Trust.	11 1/2	12 1/2
Kings County Trust.	1,580	1,630
Lawyers Trust.	28	33
Manufacturers.	37 1/2	39 1/2
Manufacturers cum pf.	49 1/2	51 1/2
Merchants National.	100	115
National Bronx.	40	45
National City.	13	15
New York Trust.	10	12
Penn Exchange.	10	12
Public National.	29 1/2	31 1/2
Sterling National.	25 1/2	27 1/2
Title Guarantee.	6	7
Trade.	17	21
Underwriters Trust.	80	90
United States Trust.	1,445	1,495

## PHILADELPHIA:

Central Penn National.	31	34
City National.	19	22
Corn Exchange.	36	38
Fidelity Philadelphia.	305	325
Finance of Pennsylvania.	181	191
First National.	285	305
Frankford.	50	55
Germantown.	174	204
Girard.	80 1/2	84 1/2
Industrial.	9 1/2	12 1/2
Integrity.	3	4 1/2
Land Title B & T.	3	4 1/2
Market Street Natl.	345	370
Nat Bank Germantown.	46	50
Ninth Bank & Trust.	94 1/2	124 1/2
Philadelphia.	104	112
Northern.	585	615
Pennsylvania Company.	28 1/2	31 1/2
Philadelphia.	104	109
Provident.	415	430
R E Trust.	54	59
Second National.	9	12
Tradesmen's.	160	165

## BANK STOCKS (Cont.)

Key.	Bid.	Offer.
ST. LOUIS:		
Boatmen's National.	27 1/2	28 1/2
First National.	32	33
Mercantile-Commerce.	110	114
Mississippi Valley Trust.	27 1/2	28 1/2
Union Trust.	33	35

## INSURANCE STOCKS

Aetna Casualty & Surety.	87	91
Aetna Fire.	44 1/2	46 1/2
Aetna Life Insurance.	25 1/2	27 1/2
Agricultural.	62	66
American Alliance.	20 1/2	21 1/2
American Equitable.	25 1/2	27 1/2
American Home.	25 1/2	27 1/2
American Insurance.	11 1/2	13 1/2
American Reinsurance.	32	34
American Reserve.	22 1/2	24
American Surety.	30	34
Automobile.	26	27 1/2
Baltimore American.	6	7
Bankers & Shippers.	7	8
Boston.	590	600
Camden Fire.	103	107
Carolina.	20 1/2	22 1/2
City of New York.	19 1/2	20 1/2
Conn General Life.	24 1/2	26 1/2
Continental Casualty.	25 1/2	27 1/2
Eagle Fire.	42 1/2	44 1/2
Employers Reinsurance.	41 1/2	43 1/2
Excess.	54	56 1/2
Federal.	36	38
Fidelity & Deposit.	103	107
Fire Assoc of Phila.	59	60 1/2
Firemen's Fund.	74	76
Firemen's Newark.	9	10 1/2
Franklin.	27	28 1/2
General Reinsurance.	21 1/2	23 1/2
Georgia Home.	20	22
Gibraltar F & M.	22 1/2	24 1/2
Glens Falls.	35 1/2	37 1/2
Globe & Rutgers.	11	12 1/2
Globe & Rutgers.	11	12 1/2
Great American.	23	24 1/2
Great American Indemnity.	8 1/2	9
Halifax Fire.	30 1/2	32 1/2
Hanover.	30 1/2	32 1/2
Hartford Fire.	64 1/2	65 1/2
Hartford Steam Boiler.	53	55
Home.	28 1/2	30
Home Fire Securities.	24	26 1/2
Homestead Fire.	16 1/2	17 1/2
Import & Export.	7 1/2	8 1/2
Insurance Co of N A.	59	61
Knickbocker.	94 1/2	114 1/2
Lincoln Fire.	37 1/2	39 1/2
Maryland Casualty.	37 1/2	39 1/2
Massachusetts B & Ins.	39	42
Merchants (Prov.)	4	6
Merchants & Manufacturers.	8 1/2	9 1/2
Merchants Fire.	41	44 1/2
9 National Casualty.	16	17 1/2
9 National Fire.	57 1/2	59 1/2
9 National Union Fire.	114	117
9 New Brunswick.	27	28



